

The
CHEMIST AND DRUGGIST
RETAILER — WHOLESALE — MANUFACTURER
MAY 5, 1951

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HOUNSLOW, MIDDLESEX

The



CHEMIST AND DRUGGIST

for RETAILER — WHOLESALE — MANUFACTURER

MAY 5, 1951

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NEWS OF THE WEEK

Mortality Rate. — The Registrar-General announced that the death rate in the first quarter of 1951 was the highest for any March quarter since 1940. It is attributed to the recent influenza epidemic.

Wage Negotiations. — The National Wages Board at a meeting in Manchester on April 24 met representatives of the National Union of Shop, Distributive and Allied Workers on the subject of the union's recent application for improved wages for pharmacy shop assistants. No decision was announced.

Dangerous Drugs Bill.—A Government Bill, ordered to be printed on April 17, has been introduced into the House of Commons by the Lord Chancellor with the object of consolidating the Dangerous Drugs Acts, 1920-50, and Section 28 of the Pharmacy and Poisons Act, 1933. The Bill reproduces the law in the Acts without amendments, the changes being consequent on clarifying the position in relation to Northern Ireland, the Geneva Conventions, and authorised sellers of poisons.

Exhibition of Pictures. — The Metal

Box Co., Ltd., Portland Place, London, W.1, held an exhibition of pictures in Manchester recently. The collection included pictures by members of the company's own art studios, and a few by well-known artists. Also on display were a selection of black and white photographs and a section devoted to direct colour photography, a product of the company's colour photographic studios, Totteridge, London. Other exhibits showed the progressive stages of colour printing on metal and the application of works of art as decoration for packages and advertising material.

Import Licensing Changes.—The Board of Trade announces that from May 1 various additions and alterations are made to the list of goods which may be imported without individual licence from the usual "liberalisation" list of countries. In Group 11 (Medical, surgical, dental, etc.) a large number of optical instruments and parts are added including auriscopes, cystoscopes, etc., together with sight testing apparatus, trial cases and sets (oculists'); scientific instruments parts including

cardiographs, hæmocytoimeters; hæmoglobinometers and fluorescent screens. In Group 5 (Chemicals, drugs, medicines, etc.), the items magnesium chloride and magnesium sulphate are deleted and included under the new item magnesium compounds. Under the heading "Synthetic organic chemicals, analytical reagents, etc. (c) the following chemicals, viz.:"—the items acid, acetic, glacial, and acid, acetic, synthetic, are deleted.

Purchases by American Visitors.—H.M. Customs and Excise are continuing the experimental purchase-tax coupon scheme which enables visitors holding United States or Canadian passports to buy goods across the counter free of purchase tax (*C. & D.*, 1950.II.454), but the declaration required of the purchaser and attached to the copy bill is in future to read: "These goods are for the personal use of myself or my family and will not be disposed of to any other person in this country. They will be taken abroad within three months of this date, save in so far as they have been used up within that time."

British Pharmaceutical Students' Association.—The following officers were elected at the annual conference of the British Pharmaceutical Students' Association (see *C. & D.*, April 14, p. 480): *President*, Mr. B. A. Wills, Nottingham; *General Secretary* and *Treasurer*, Mr. J. A. Box, 130 Longmoor Lane, Sandiacre, Notts. The following resolutions were adopted:—

(1) That the executive discover the conditions of employment and remuneration of pharmaceutical apprentices in hospital service and take any steps that they consider necessary. (2) That the executive inquire into conditions of employment and remuneration of apprentices in retail pharmacy and take what action they deem necessary. (3) That the executive conduct a national survey over a number of years, in all schools of pharmacy, to ascertain conditions of working, having particular reference to (a) students' working conditions and facilities, and (b) the ratio of teaching and non-teaching staff to students. (4) That the B.P.S.A. conduct a confidential survey of all students in college to find (a) how many are in receipt of grants, and (b) the value and origin of grants, and report back to next conference.

Additions to Poisons List.—Statutory Instruments, 1951, Nos. 721 and 722, recently made by the Home Secretary, give effect to those changes in the Poisons List proposed by the Home Office in December 1950 (*C. & D.*, 1950.II.668). The changes operate from June 1, 1951, and

include the following:—(1) Organic compounds of mercury containing a methyl (CH_3) group linked to the mercury atom to be excepted from the Fifth Schedule. (2) Para tertiary amyl phenol to be added to the entry relating to phenols in column 2 of group II of the Third Schedule. (3) Procaine, when in preparations to which the Penicillin Act, 1947, applies, to be exempted from the First Schedule. (4) Chlorcyclizine (Histantin, Diparalene) and promethazine (Phenergan) to be added to the definition of antihistamine substances given in Part I of the Poisons List and in the First, Third and Fourth Schedules. (5) Gallamine (Flaxedil) and paramethadione (Paradione) to be added to Part I of the Poisons List and to the First and Fourth Schedules.

Elastic Hosiery under N.H.S.—From July 1 two-way stretch and rubberless elastic hosiery should be supplied under the National Health Service only when specifically ordered by the prescriber. Details of the changes will be given in the April Drug Tariff, copies of which are being sent to contractors early in May, but it is understood that the Lastex yarn type of two-way stretch hosiery is covered by the specification. Lastonet and other elastic net stockings may therefore be supplied on EC10 forms even though not ordered by name. After July 1, prescriptions in which the doctor has not specified any particular type of elastic hosiery should generally be referred back to the doctor. When a product specified is not obtainable, either seamless fine thread one-way stretch or elastic net two-way stretch hosiery may be supplied when stockings or thigh stockings are ordered, and either seamless or seamed stout thread hosiery where ankle or knee caps are ordered; prescriptions should be endorsed appropriately. Seamless fine-thread hosiery should be supplied when no particular grade of one-way stretch elastic hosiery is specified.

N.P.U. Executive.—Meetings of the National Pharmaceutical Union Executive Committee and of the directors of the Chemists' Defence Association, Ltd., were held at Queen Square, London, W.C.1, on April 25, Mr. H. B. Coulson in the chair. Mr. P. Varley, Blackpool, was elected *Chairman*, and Mr. D. W. Hudson, Hove, *Vice-chairman* for the year. Mr. H. B. Coulson congratulated Mr. Varley upon his election and Mr. Varley, replying, thanked Mr. Coulson and all other members of the

executive for their confidence. Mr. S. J. Stearn was re-elected Treasurer. A vote of thanks to the retiring officers was proposed by Mr. Varley and seconded by Mr. Steinman. The following Committees were elected:—Accounts; Business Services; Central N.H.S. (Chemist Contractors), and Publications and Price List. Representatives were appointed to many external and joint organisations and committees, and reports of the various committees were received. Matters which received special attention included: Resale price maintenance, Supplemental Charter of the Pharmaceutical Society, advertising of dispensing services, National Health Service matters and proposals regarding local organisations. On April 27 the members of the Executive Committee entertained Mr. Coulson to dinner in London. The chair was taken by Mr. Varley who proposed a toast to the guest of the evening.

Sulphur Quota—95,000 tons.—The United States Department of Commerce announced on April 25 that the United Kingdom is to receive a second-quarter sulphur quota of 95,000 tons, making with the first-quarter quota and the supplementary allocation a total of 195,465 tons in the first six months of 1951. The second-quarter quota for all territories amounts to 250,000 tons and is described by the Department of Commerce as being essential to meet "bare minimum needs." In addition 7,500 tons of refined and processed sulphur will be licensed for export in the second quarter. The Board of Trade announces that, as from May 1, detailed allocation schemes are effective for the distribution to industry of sulphur and sulphuric acid to provide the most effective use of these commodities in the national interest. The schemes are based on a consumption of sulphur at the rate of approximately 100,000 tons per quarter. In general this will mean that users will receive supplies varying between 80 and 90 per cent. of their total 1950 consumption. Full production of essential health services will be maintained. When the allocation schemes are in full operation, the Board states, no consumer should receive either less sulphur or sulphuric acid than he has had since the start of the year, and many will benefit by some increase in the rate of supplies. It is emphasised, however, that some short period will be necessary before the schemes can be fully effective.

LOCAL NEWS

Birkenhead Night Service.—The Birkenhead Executive Council is being asked by the local Trades Council and Labour Party to consider the institution of an all-night chemists' service in the town.

Manx Health Services.—Proposals have been put forward to spend more than £1 million on health services in the Isle of Man; £50,000 would be allocated to pharmaceutical services.

Industrial Fuel Conference.—The Eastern Regional Board for Industry and the Ministry of Fuel and Power are sponsoring an industrial conference on "Fuel and Management" at the George Hotel, Luton, on April 27.

Salford Pharmaceutical Committee.—The following officers have been appointed to the Salford Pharmaceutical Committee: *Chairman*, Mr. R. O. Jones; *Treasurer*, Mr. S. H. Blore; *Secretary*, Mr. W. Wilkinson, 238 Bolton Road, Salford, 6.

Huddersfield Fire.—An outbreak of fire in a storeroom at the top of the three-storey premises of Henry Sykes & Son (Chemists), Ltd., Wakefield Road, Huddersfield, on April 18, caused extensive damage to fixtures and stock.

Wallasey Officers.—Newly elected officers of the Wallasey Pharmacists' Association are as follows: *President*, Mr. D. H. Archer; *Vice-president*, Mr. Norman Jones; *Treasurer*, Mr. P. N. Thompson; and *Secretary*, Mr. A. R. Allen, 64 Martin's Lane, Wallasey.

Lecture on Tuberculosis Treatment.—A lecture on "Modern Methods in the Treatment of Tuberculosis" was given to members of the Southend-on-Sea Branch of the Pharmaceutical Society on February 2 by Dr. S. Lumsden (medical officer in charge, Lancaster House Tuberculosis Clinic). He dealt with surgical methods and streptomycin-PAS treatment.

South Shields Pharmacists' Association.—An address was given by Mr. F. H. Oliver (head of the pharmacy department, Sunderland Technical College) to the South Shields Pharmacists' Association recently entitled "The Body, the Adrenal Gland and the Changing Circumstances." It would be some time before cortisone would be prescribed on prescriptions because much experience had to be gained in its use. It had, however, proved beneficial in the treatment of alcoholism, hay-

fever, asthma, conjunctivitis, arthritis, herpes, keratitis, rheumatic fever, rheumatic arthritis and glaucoma. It had failed to produce any results in poliomyelitis and acne vulgaris.

Romford Branch Outing.—Ninety-nine members and friends of the Romford Branch of the Pharmaceutical Society visited the works of May & Baker, Ltd., Dagenham, on March 15. After being welcomed by Mr. W. A. Stewart (a director of Pharmaceutical Specialities (May & Baker), Ltd.) the party split into sections and saw the manufacture of ether, chloroform, mercurials, and visited the biological and other laboratories and departments. Mr. F. W. Paterson (chairman of the Branch and a member of the company's staff) thanked the company for their hospitality. The visit concluded with a showing of the film "Medical Applications of Sulphonamides" introduced by Mr. D. G. Ardley.

IRISH NEWS

Ulster Health Estimates.—The Northern Ireland Ministry of Health and Local Government Pharmaceutical Services estimates for 1951-52 are £1,440,000 against £1,590,000 in 1950-51. The estimate covers fees, expenses, allowances and other payments to chemist-contractors and superannuation contributions for dispensing doctors. The cost of drugs, dressings, medical and surgical appliances and equipment for use in hospitals is estimated at £538,000 against £489,400 for the previous year.

Industrial Exhibition.—An industrial exhibition was held in conjunction with the Royal Dublin Society's Spring Show at Ballsbridge, May 1-5. Among the exhibitors were Imperial Chemical Industries (Export), Ltd., and Henry Bell, Ltd., Waterford, each with a display of veterinary products. Sandoz Products (Ireland), Ltd., exhibited agricultural chemicals. Shell Chemicals, Ltd., featured their preparations for the control of weeds and insect pests. Gala of London, Ltd., introduced Gala pearl nail-colour in four shades. Other exhibitors were Day, Son & Hewitt (Ireland), Ltd., Spratts Patent (Ireland), Ltd., Jeyes' Sanitary Compounds Co., Ltd., William Edge & Sons (Ireland), Ltd., Irish Glass Bottle Co., Dawn, Ltd.

Examination Results.—Sixty-seven candidates sat for the April Licence examination of the Pharmaceutical Society of Ire-

land. The following passed with honours: Patrick Flynn, Patrick P. Gray, Catherine O'Connor and John G. O'Donoghue. Passed: Ellen Barry, Gerald Breen, Mary Costello, Mary Dowd, John Hanley, Teresa Hayes, Mary C. Lambert, Michael Macken, Brendan Miney, James Murray, John Nolan, Eugene O'Reilly, Frederick O'Riordan, Michael Power, John Sheahan, Lucy Sheridan and Patrick J. Weir. Forty-one candidates sat for the April Assistants examination. The following were successful: Patrick A. Barry, Patrick J. Butler, Alice M. Cassidy, Gertrude E. Costello, Kathleen M. Donnellan, Maureen Downey, Bridget P. Fehily, Joan E. Heaney, Margaret Hennessy, Eoin D. Leavy, Dermot Lyne, Anna B. M. McLaughlin, Thomas Mullen, Peter J. Meedham, Patrick J. O'Brien, Liam E. O'Leary, Anna H. O'Reilly, John G. Pitt, Ellen Quirke, Thomas G. Reilly, Patrick J. Reilly, Mary M. Roche, Peter A. Ronaghan, Timothy Sheehan and Patrick B. Stephens. Mr. Derme V. Condon and Mr. George A. Henry passed the Registered Druggist examination held recently.

OVERSEAS NEWS

Prescription "Book" on Microfilm.—To economise in floor space Collier Drug Stores, Fort Worth, Texas, have abandoned prescription books and substituted a single microfilm file. In use the image is projected on to a hooded screen at a size greater than the original.

U.S. Anti-hoarding Decree.—A federal order has been made in the United States to control hoarding and speculative buying of a large range of products that are scarce. The products include benzene, carbon tetrachloride, dichlorobenzene, glycerol, menthol, methyl chloride, methylene chloride, phthalic anhydride, polyethylene, styrene and polystyrene, titanium pigment, and trichloroethylene.

Deaths from Tetrachloride Shampoo.—Supplies of Serjac shampoo in French pharmacies have been confiscated by the police following the deaths of at least two women allegedly as a result of using the shampoo. It appears that the shampoo which consists of pure carbon tetrachloride has been sold under the label "dangerous" as required by the poisons legislation in France, but that, by using the shampoo in a bowl, one of the dead women had inhaled the fumes.

TOPICAL REFLECTIONS

Control Threatens Enterprise

Practical speeches were made at the recent annual luncheon of the British Chemical and Dyestuffs Traders' Association (pp. 558-59). As you point out (p. 59), the remarks included protests against restrictions on trading activities and against Government bulk buying of essential commodities. This year's president of the Association (Mr. G. S. Bache) made significant reference to a possibility not, I think, generally known—the possibility that at the next two or three years may bring an economic struggle with Russia and Japan; he added that the fight for world trade would be fierce. Since your issue of April 28 went to press the annual meeting of the London Chamber of Commerce has been held; at that meeting a further contribution to the subject of supplies of raw materials was made by the president (Sir Frank Nixon). There was a tendency, he has reported as saying, to regard shortages of these materials as temporary problems. He did not accept that view, but believed that normal demand for raw materials was already overtaking and sometimes outstripping supply. Discussing the economic problems of the next twenty-five years, Sir Frank Nixon suggested that the near East, the Far East and Africa, with their hundreds of millions of people, were and would increasingly be “the scene of the greatest and most difficult problems of our epoch.” That may easily happen. With better education comes a keen urge for a higher standard of living, and that condition involves increased competition in trade.

Many Amendments

On pp. 524 and 536 you have printed numerous proposals for amending the draft Supplemental Charter and by-laws of the Pharmaceutical Society. While there are excellent reasons for scrutinising the Council's proposals carefully, I hope that none of the Branches will be beguiled into giving approval to niggling criticism. Some of the printed amendments appear to cross the boundary between the practicable and the impracticable. The publication of “full” minutes of Council and Committee meetings, for instance, might possibly be of benefit to some branch secretaries; but the experience of branch secretaries properly agrees with mine that minutes of meetings make dull reading. What is

meant by publication of “full reports of all proceedings of all Council meetings” I do not know: verbatim reports would surely be out of the question. Again, publication of the agenda of “all Council meetings” ten days or more before the dates appointed for those meetings would in my view be a waste of paper and ink even if it were feasible. As to the fate of branch representatives' resolutions which, if passed, are to be “perfect in themselves,” one can only surmise that such perfection is not for our poor world but for some Utopia. And the sudden reappearance, at the end of a sentence, of our old visitor the referendum gives another touch of comic relief. These few remarks may suffice to put branch representatives on their guard against an unthinking approval of amendments that need further consideration.

Forthcoming Exhibitions

I was glad to see the particulars on pp. 548-54 of various exhibitions now open or soon to be opened. The British Industries Fair is *sui generis*, and needs no recommendation from me. The Wellcome Foundation, Ltd., is excelling itself in the number and variety of exhibitions announced for the next few months: preparation of these must entail much thought and careful staff work. In its special field the resources of the Wellcome Foundation are comparable with those of the British Museum. At the Science Museum, South Kensington, there are to be several displays, including one by the British Standards Institution. So far as I am aware, this will be the first time that the Institution has shown in public any results of the important work that it does. The National Physical Laboratory, Teddington, will have “open days,” particulars of which you have announced. The Royal Institution will show its historic apparatus to visiting scientists. The Pharmaceutical Society of Great Britain and the Royal Photographic Society are each organising a display of items likely to appeal to their respective members and friends. Several other societies and institutions are, as is well known, sharing in this effort to show visitors from other countries objects of general or specialised interest. It is fitting that a welcome should be given to strangers who may be seeking evidence of British culture.

Xrayer

COMPANY NEWS

MONSANTO CHEMICAL CO., St. Louis, Missouri, U.S.A.—Dr. Charles Allen Thomas has been elected president by the board of directors. He will take up office on May 1, and succeeds Mr. William M. Rand, who retires on the same date.

BRITISH ALKALOIDS, LTD. — A final ordinary dividend is recommended of 30 per cent. (same), less tax, making 50 per cent. (same), less tax, for the year to March 31. Subject to final audit, net profit for the year, after all charges, including taxation, amounted to £23,650 (£34,097).

GLAXO LABORATORIES, LTD. — An interim dividend is announced of $7\frac{1}{2}$ per cent., less tax, on the ordinary shares in respect of the year to June 30, against 5 per cent. in the previous year. The directors state that the increase does not indicate that the total dividend for the year will be larger.

THE BRITISH DRUG HOUSES, LTD.—1950 dividend on ordinary stock is 10 per cent., compared with 6 per cent. in the previous year. Net profit of the group amounted to £182,653 (£119,871). Taxation absorbed £254,497 (£172,021). To general reserve, £75,000 (£35,000); transferred to tax equalisation reserve, £16,000 (£15,000); carried forward, £32,969 (£22,855).

GREEFF-CHEMICALS HOLDINGS, LTD.—Group profit for 1950 amounted to £73,667 (against £62,741). To taxation, £33,319 (£30,894); general reserve, £12,500 (£10,000); deferred taxation, £4,750 (nil); leaving £23,098 (£21,847). Ordinary interim dividend, 4 per cent. ($3\frac{3}{4}$ per cent.); final, $8\frac{1}{2}$ per cent. ($8\frac{3}{4}$ per cent.), plus bonus, 5 per cent. ($3\frac{1}{2}$ per cent.). Carried forward, £19,070 (£18,323).

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Group profit for 1950 before tax but after charging depreciation amounted to £31,018,457 (against £17,323,509 in the previous year), and group net profit to £18,562,765 (£10,826,681). A final ordinary dividend is recommended of 9 per cent. (7 per cent.) making a total of 12 per cent. (10 per cent.), less tax, for 1950. The group profit is not only a record for the company, but is also the highest recorded for any British industrial undertaking.

MONSANTO CHEMICALS, LTD. — The application list for the offer of 15,000,000 $4\frac{3}{4}$ per cent. redeemable cumulative preference shares of £1 each at par opened and closed on May 2. Mr. Edward A. O'Neal, jun., chairman, states that the purpose of the issue is to provide additional capital for the expansion of production of sulphuric acid, phthalic anhydride, phenetidines, aspirin, phenacetin, etc. for new manufactures (including styrene monomer) made by Forth Chemicals, Ltd. The proceeds will also repay a bank overdraft of £500,000. A new agreement with the parent body takes effect on January 1, 1952.

New Companies

LAMARNE LABORATORIES, LTD., 20 High Street, Sutton, Surrey. The directors are Walter E. Rand and Mary A. Seldon. [Corrected note.]

F. HOLDEN, LTD. (P.C.). — Capital £4,000. To carry on the business of chemists, druggists, opticians, etc. Frank Holden, M.P.S., and Lily B. Holden, directors. R.O.: 13B Lime Street, Liverpool.

J. BLAKE BENJAMIN, LTD. (P.C.).—Capital £500. To carry on the business of wholesale or retail chemists, etc. Jess Hatten, M.P.S., and Violet I. Hatter, directors. R.O.: 104 Glebe Street, Perth.

R. MIDDLETON, LTD. (P.C.).—Capital £2,500. To carry on the business of manufacturing, wholesale, retail, dispensing chemists and druggists, etc. Roy Middleton, M.P.S., and Hugh Moreland, directors. R.O.: 45B Goldhawk Road, London W.12.

BUSINESS CHANGES

MISS E. G. MAXEY, M.P.S., has acquired the pharmacy of Charles Huxtable & Co. 220 Torquay Road, Paignton, Devon, and will trade under her own name.

C. H. SIPPE & SONS (EASTERN), LTD. and **DEPARTMENT B, C. H. SIPPE & SONS LTD.**, have been brought together in a new company, **Giles, Rawcliffe, Ltd.**, at 5 Copthall Buildings, Copthall Avenue, London E.C.2 (telephones: Monarch 3390 and 7241).

FROM May 7 the Patent Office Library 25 Southampton Buildings, Chancery Lane, London, W.C.2, will be open to the public from 10 a.m. to 9 p.m., Mondays to Fridays inclusive; Saturdays from 10 a.m. to 5 p.m. (as at present).

THE WEEK IN PARLIAMENT

MR. DOUGLAS JAY (Financial Secretary to the Treasury) introducing the Purchase Tax (No. 4) Order, 1951, on April 23, said its purpose was to stop avoidance of purchase tax on certain hairdressing goods and to remove some anomalies. Some of the basic chemicals for permanent waving preparations had been sold ready mixed, leaving the hairdresser to add one common chemical which was free of tax, with the result that the tax was avoided. Lotions sold with a few curlers as a permanent waving outfit for professional use had escaped payment of the 100 per cent. tax. In 1950, a dispute about the tax rate for "home perms" had been submitted to independent counsel, and it was held that they were not toilet goods and must be charged at the same rate as the professional hairdressers' outfits (33½ per cent.). The Order raised the tax on all cold waving outfits from 33½ per cent. to 100 per cent.

MR. P. B. LUCAS said he considered that the increase to 100 per cent. discriminated particularly against home waving devices. The increase of 66½ per cent. was going to be a burden to the users of the outfits.

Sulphur Supplies

MR. N. M. DODDS asked the Home Secretary on April 26 for a statement as to the steps he proposed to take to promote the production of the new discovery made by scientists at the Chemical Research Laboratory of the Department of Scientific and Industrial Research which would relieve the sulphur shortage.

MR. G. S. DE FREITAS (Under Secretary of State): Recent work at this laboratory has produced two results which may help to relieve the shortage of sulphur. One opens up the possibility of substituting sulphuric acid for rather more than half the sulphuric acid in the manufacture of phosphate fertilisers; the other is the possibility of producing sulphur by bacterial means. Sulphur has been produced by bacteria in the laboratory but further research is required before its industrial possibilities can be assessed. This research is being undertaken with vigour, but at present it must be regarded as a long range undertaking.

Sulphuric Acid Prices

MR. A. G. BOTTOMLEY told MR. F. J. ROLL on April 26 that the c.i.f. values

of sulphuric acid so far imported from the Continent varied between £16 and £28 a ton dependent on the strength and purity of the acid. They were estimated to be three to four times the prices charged for similar acid produced in Britain.

Health Centres

MR. H. A. MARQUAND (Minister of Health) told MR. SOMERVILLE-HASTINGS on April 26 that nine premises taken over when the National Health Service began were being administered as health centres. One large centre was under construction, and tenders for two smaller centres had been invited. He intended to encourage the establishment of further group centres when the occasion was suitable.

LEGAL REPORT

Penicillin Act Fine. — At Farnham, Surrey, magistrates' court on April 13, George Edward Thomas, M.P.S., 21 Downing Street, Farnham, was summoned for selling penicillin lozenges without the authority of a prescription signed by a qualified medical practitioner, dental practitioner or veterinary surgeon, at Farnham, on February 8. It was stated that an inspector visiting Farnham had reason to believe certain transactions in penicillin were taking place in defendant's shop contrary to the Act. The defendant wrote: "I admit to being guilty of selling one tube of twenty penicillin lozenges . . . When a very pleasant lady entered my pharmacy evidently with a throat infection and asked me to make her a gargle to give her some relief, I dispensed a suitable preparation and offered a few words of advice as to its use. She then asked me if I would also let her have a few penicillin lozenges. Being anxious for her well-being and wishing to oblige I acceded to her request." The chairman examined a carton and asked: "Are these sold in plain cartons?" He was told they were packed by the manufacturers. The chairman: "I hope the Society is using its influence with the manufacturers. There is nothing on that to say you have got to have a physician's prescription. The public do not go about carrying these things in their handbags. I think you should direct your activities to the manufacturers. They have a misleading label." Thomas was fined £12 12s., with 6gs. costs.

MARRIAGES

Golden Wedding

HICKMAN-MARSH.—At Blandford Parish Church, Blandford, Dorset, on April 30, 1901, Frederick Stanley Hickman, M.P.S., to Lillian Mary Marsh. Present address: 76 New Church Road, Hove.

DEATHS

CHARLES.—At Rock Cottage, Brown Edge, Stoke-on-Trent, on April 22, Miss E. E. Charles. Miss Charles qualified as a chemist and druggist in 1908.

CORNISH.—On April 13, Mr. Archibald Franklin Cornish, M.P.S., 43 Marlborough Street, Devonport, Plymouth. Mr. Cornish qualified in 1905.

HEAP.—On January 6, 1951, Mr. Isaac Henry Heap, Ph.C., 34 Cheapside, Hanley, Staffs. Mr. Heap qualified as a chemist and druggist in 1888 and as a Pharmaceutical Chemist in 1889.

HUNTER.—Suddenly, on March 26, Mr. Cecil John Hunter, M.P.S., 33 The Front, Seaton Carew, West Hartlepool, Durham, aged forty-five. During the 1939-45 war he served in the Royal Marines as a sergeant, and was awarded the Conspicuous Gallantry Medal "for outstanding courage and dauntless devotion to duty during the Allied landings in Normandy on D-day." On being demobilised Mr. Hunter joined the staff of Burroughs Wellcome & Co. at Dartford, Kent, and in 1947 returned to West Hartlepool to take over the pharmacy at Seaton Carew. He was at business there until the evening of March 24.

LEWIS. — On April 13, Mr. Edward Davies Lewis, M.P.S., of 6 Ursula Grove, Southsea, Hants. Mr. Lewis qualified in 1905.

WILSON.—Suddenly, during the course of a meeting in Glasgow, on April 30, Mr. William Wood Wilson, aged seventy-eight. A native of Stonehaven, Kincardines, Mr. Wilson removed to Glasgow fifty years ago. After serving an apprenticeship with Frazer & Green, Ltd., and qualifying, he opened a business at 147 Great Western Road, Glasgow, which he conducted until the day of his death, specialising in the professional aspects of pharmacy. He was the first president of the Glasgow Pharmacy Club thirty years ago, and was an elder of St. George in the Fields Church of Scotland, Glasgow. A founder member

of Lodge Galen 1285 of Grand Lodge Freemasons, Scotland, he was also a member of the Glasgow City Business Club and a keen golfer. He is survived by a son and a daughter.

Mr. Robert Dickson writes: The sudden passing of my old friend, William Wood Wilson, comes as a great shock to me as it will to all pharmacists in Glasgow and the West of Scotland. My association with him goes back over thirty years, and whether in a round of golf or in business, he at all times showed the geniality that endeared him to all. He lent his aid to many pharmaceutical activities and interests, and it is sad to relate that at the meeting of the Glasgow Pharmacy Club, at which his demise took place, he was to have been made honorary vice president. He will be sorely missed.

WILLS

MR. G. E. NORRISH, M.P.S., 3 Greenways, Trentham, Staffs, left £235.

MR. L. F. MORRIS, M.P.S. (owner of G. Morris & Son, chemists, Market Place, Wednesbury, Staffs), left £23,077 (£15,446 net).

MR. S. F. JACQUES, M.P.S., 23 Dove Road, Birkdale, Southport, Lancs (formerly of 202 Cherry Lane, Liverpool, 4), left £31,386 (£28,978 net).

MR. A. DOBSON, M.P.S., 3 Bearwood Brow, Blackburn, Lancs (a past chairman of the Lancaster, Morecambe and District Branch, Pharmaceutical Society) left £3,939 (£3,887 net).

MR. R. H. WILLIAMS, M.P.S., Elenfa St. Davids Road, Holyhead, Anglesey, left £19,703 (£19,602 net). The residue of his estate is left upon trust for his nephew for life and then upon trust for the Pharmaceutical Society.

MR. R. GRAHAM, M.P.S., 34 Garthland Drive, Dennistoun, Glasgow, formerly of Alexandra Street, Kirkintilloch (a director of T. & H. Smith, Ltd., Glasgow, and past chairman of the Scottish Wholesal Druggists' Association), left £9,495.

MR. S. BUXTON, Ph.C., 60 Bristol Road, Weston-super-Mare, Somerset, formerly of West Avenue, Derby (for over 20 years representative in the West Country for Wright, Layman & Umney, Ltd., Southwark Street, London, S.E.1), left £2,467 (£2,417 net).

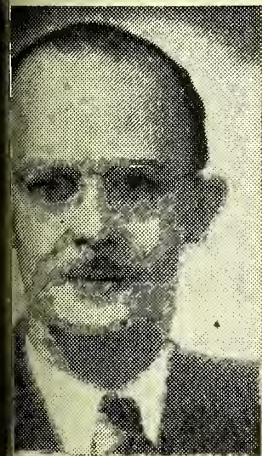
PERSONALITIES

MR. J. P. DODDS has been appointed Under-Secretary for Finance, and Account-General in the Ministry of Health.

MR. G. M. JAMES, M.P.S., the new president of the Rhyl Branch of the Pharmaceutical Society (see *C. & D.*, April 14, p. 458) is a director of Hampson & James, Ltd., Rhyl, and of R. Hampson & Co. (Chemists), Ltd., Leigh, Lancs. He has been engaged in business locally for twenty-five years and is chemists' representative on the Denbighs and Flints Executive Council.



MR. P. VARLEY, M.P.S., the new chairman of the National Pharmaceutical Union Executive (p. 566) owns two pharmacies in Blackpool. He served his apprenticeship locally with Mr. P. Hogley and qualified in 1928 after studying at Manchester University. He is a member of the Blackpool Executive Council, Pharmaceutical Services and Ophthalmic Services Committees and



fifteen years has been a member of local chamber of trade executive. Varley was first elected to the N.P.U. Executive in 1944.

Conference Local Officers

MR. G. L. BEET, Ph.C., chairman of local committee of the British Pharmaceutical Conference, Harrogate, 1951 (p. 589), is chairman for the second of the local branch of the Pharmaceutical Society. He qualified as a Pharmaceutical Chemist in 1932 after studying at the University of Sheffield and at University College, Nottingham, and for past six years has been works manager

of Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7. During his apprenticeship, which he served in the manufacturing laboratory of G. T. W. Newsholme, Sheffield, he was secretary of the junior section of the Sheffield Branch of the Society. He has been interested in branch affairs for many years and has held offices in several local branches of the Society.

MR. T. DIXON PAGE, M.P.S., D.Opt., vice-chairman of the local Conference committee, is vice-chairman and immediate past-chairman of the Harrogate Branch of the Pharmaceutical Society. He qualified twenty-three years ago and for the past twenty-two years has been a proprietor, for nineteen years of them in Leeds. Mr. Page was a local Conference committee member and steward when the Conference was held in Leeds in 1934. He was apprenticed with Mr. A. L. Peters, Leeds, and studied at the Leeds College of Pharmacy under the late Messrs. F. Pilkington Sergeant and A. W. Lupton. Mr. Page took the diploma of the Institute of Chemist-Opticians in 1933, and served as Commandant 1940-46 of the Leeds Branch, British Red Cross Society.

MR. R. W. JACKSON, M.P.S., secretary of the local Conference committee, has been secretary of the Branch since its reformation in 1946. He manages the branch of Timothy Whites & Taylors, Ltd., in Parliament Street, Harrogate, where he was apprenticed. Mr. Jackson qualified in 1935 after attending the Bradford Technical College, and since then has been in continuous service with his present company, except for five years when he served in the Royal Army Ordinance Corps, Royal Electrical and Mechanical Engineers, and finally the Royal Army Medical Corps.

MISS O. WINDEMERE, M.P.S., treasurer of the local Conference committee, has been treasurer of the local Branch since 1946. Miss Windemer qualified in 1935 after studying at Bradford Technical College and Leeds University. She then held positions in Salisbury and at Pinderfield Hospital, Wakefield, and returned to Harrogate in 1940 to become a director of her father's business, O. R. Windemer, Ltd., in which she had been apprenticed. Miss Windemer has managed the business continuously since 1940.

PROPRIETARY ARTICLES TRADE ASSOCIATION

Alterations to Protected List (Part 1)

(I.R.P.—Inclusive retail price)

Product	Doz.	Tax	I.R.P.
	s. d.	%	s. d.
<i>Allen & Hanburys, Ltd.</i>			
Glucose-D, Allenburys, 1-lb. carton ..	25 0	Nil	2 10½
<i>Benbows Dog Mixture Co., Ltd.</i>			
Benbow's dog soap 4-oz.	5 4	33½	10
<i>Genatosan, Ltd.</i>			
Sanatogen .. 4 oz.	45 0	33½	6 3
" .. 8 oz.	84 0	33½	11 8
" .. 2 lb. (each)	24 0	33½	40 0
" 90-gm. (substituted for 4-oz. size) ..	40 0		5 6
Cogene tablets 10's ..	9 0	33½	1 4½
" 20's ..	15 9	33½	2 5
<i>Medico Biological Laboratories, Ltd.</i>			
Detensyl tablets and St. James' balm are subject to purchase tax at 33½%			
<i>Medo-Chemicals, Ltd.</i>			
Dexocodene tablets 25's	18 0	Nil	2 3
" 100's	60 0	Nil	8 3
" 250's (each)	12 6	Nil	18 9
<i>Tampax, Ltd.</i>			
Tampax, regular 1 10's	18 3	Nil	2 0
Super absorbent 2 10's	20 6	Nil	2 3
<i>Barclay & Sons, Ltd.</i>			
Mrs. Johnsons' (American) soothing syrup small size	12 0	33½	1 10
<i>Clay & Abraham, Ltd.</i>			
Iodine pen and mosquito pen 3 dozen	12 0	33½	1 9
Acriflavine pen and Clear-sight pen ..	11 6	33½	—
" 3 dozen	12 0	Nil	1 6
Ephodrol ..	11 6	Nil	—
" 3 dozen	15 0	33½	2 3
" 26 0	33½	4 0	
Prices for 3-doz. lots discontinued.			
<i>Curacho Company</i>			
Curacho, human .. 6 oz.	30 0	33½	4 2
" 3-oz.	18 0	33½	2 6
Curacho, veterinary 6-oz.	25 6	33½	3 6½
" 3-oz.	13 6	33½	1 10½
Hygiene dog shampoo, 3-oz.	10 0	33½	1 4
" 20-oz.	44 0	33½	6 1½
" ½-gal. (each)	12 6	33½	20 9
" 1-gal. (each)	20 0	33½	33 4
Alterations (Part 2)			
<i>Brand & Co., Ltd.</i>			
Bone and vegetable broth clear .. 2½-oz. bot.	6 1	Nil	0 8
Thick	6 1	Nil	0 8
<i>Chesebrough Mfg. Co., Ltd.</i>			
Vaseline hair tonic Size 1	13 9	100	2 9
Size 2	21 3	100	4 3
Prices in Channel Islands:			
Size 1	13 9	Nil	1 7
Size 2	21 3	Nil	2 6
<i>Thos. Christy & Co., Ltd.</i>			
Lanolin .. tube	9 3	100	1 11
<i>Duncan, Flockhart & Co., Ltd.</i>			
Baumol toilet soap ..	8 0	33½	1 1
<i>Lanalol, Ltd.</i>			
Lanalol shampoo .. 6-oz.	22 6	33½	3 1½
<i>Max Factor (Hollywood & London (Sales), Ltd.</i>			
Face powder ..	22 0	100	4 5
New Hollywood lipstick ..	36 0	100	7 4
Make-up foundation ..	36 0	100	7 4
Rouge ..	20 0	100	4 1
Pan-Cake (purse-size) ..	24 0	100	4 11

Pan-Stik (medium) ..	28 0	100	5
<i>Stewart, Goodall & Du-lop, Ltd.</i>			
Nucta oil shampoo .. 8 oz.	28 0	33½	4
<i>Whitaker & Co. (Kendal) Ltd.</i>			
Luton straw hat dyes ..	15 9	Nil	1
" 12 0	Nil	1	
<i>Icilm Co., Ltd.</i>			
Foundation vanishing-cream jar, gross	151 6	100	2
tubes, gross	77 3	100	1
Wet shampoo .. gross	35 0	33½	0
Dry shampoo .. gross	35 0	33½	0
<i>Milton Antiseptic, Ltd.</i>			
Milton denture powder ..	10 9	33½	1
" 18 0	33½	2	
<i>St. Andrew Mills, Ltd.</i>			
Toilet rolls :			
Samaritan .. gross	75 6	Nil	0
Marvo .. gross	88 6	Nil	0
Andrex and Androl .. gross	133 0	Nil	1
Andrex tissues: gross	120 0	Nil	1
(new size) .. gross	288 0	Nil	3
Stanex handkerchiefs, gross	72 0	Nil	0
<i>Tattoo Cosmetics, Ltd.</i>			
Lipstick Couplette ..	36 0	100	7
Two-Tone lip pencil ..	9 7	100	2
Rouge .. small	3 7	100	0
" large	12 0	100	2
Nail lacquer ..	12 0	100	2
Ming nail lacquer ..	8 4	100	1
Quickies .. small	8 4	100	1
" large	19 4	100	4
5-day pads .. small	7 2	100	1
" large	14 6	100	3
Lipstick refills .. large	14 6	100	3
Face powder .. large	8 4	100	1
<i>Vinolia Co., Ltd.</i>			
No. 4883 baby soap gross	78 6	33½	0
<i>J. Woolley, Sons & Co., Ltd.</i>			
Boval cream soap, 3-oz. tab.	8 6	33½	0
<i>Sister Laura's Infant & Invalid Food Co., Ltd.</i>			
Sister Laura's food ..	23 0	Nil	
1s.3d. size discontinued.			
<i>Allen & Hanburys Ltd.</i>			
Allenburys baby soap, 3-oz.	5 7	33½	0
Allenburys basic soap, 3-oz.	6 10	33½	0
<i>Trufood, Ltd.</i>			
Trufood half-cream, 16-oz.	48 0	Nil	
Spray-dried full-cream,	48 0	Nil	
three doz. parcel	46 9	—	
six doz. parcel	45 6	—	
Trufood strained homogenised spoonfoods : carrots, peas, mixed vegetables, beef and vegetable broth,			
3-oz. jar	6 9	Nil	
case of two dozen	6 6½	Nil	
two or more cases	6 4½	Nil	
Apples with rose-hip syrup and prunes with semolina	7 6	Nil	
case of two dozen	7 4	Nil	
two or more cases	7 1½	Nil	
<i>Voltas, Ltd.</i>			
Voltas washing-fluid ..	12 3	Nil	
" 30-oz.	15 3	Nil	
<i>Lifeguard Products, Ltd.</i>			
Lifeguard interleaved (new flat-pack) .. gross	166 0	Nil	
Lifeguard toilet roll gross	188 0	Nil	
<i>Herts. Pharmaceuticals, Ltd.</i>			
Nivea creme, No. 362 tin ..	7 2	100	
No. 368 ..	12 0	100	
No. 363 ..	22 10	100	
No. 364 tube	8 5	100	
No. 365 ..	15 8	100	

TRADE NOTES

Own-name DDT Cards.—Lewisall Productions, Ltd., Garden Street, Walsall, offer DDT fly and moth cards with the retailer's name and address printed in place of those of the manufacturers.

Bonus Offer.—Halex, Ltd., Highams Park, London, E.4, give details on another page of a new and advantageous bonus offer (open from May 1 to June 30) of Halex saw-cut combs.

Change of Pack.—Dendron Distributors, Ltd., 94 Rickmansworth Road, Watford, Herts, illustrate on another page a new pack adopted for their D.D.D. balm and give details of an introductory bonus offer.

Post-war Pack at Pre-war Price.—Cunliffe Wellcome & Co. (The Wellcome Foundation, Ltd.), London, N.W.1, have made available in a tube pack of ten tablets their Codemprin (aspirin, phenacetin, caffeine and codeine phosphate) tablets. The tubes are packed in dispenser containers of one dozen.

Distributors in Scotland.—H. W. Carter Co., Ltd., The Royal Forest Factory, Coleford, Glos, have appointed the following distributors for their Quosh pure fruit squashes and cordials; John & James Tod Sons, Ltd., Leith, Edinburgh, 6; Smith Johnston, Ltd., Weigh-House Square, Aberdeen; A. V. Chalmers (Inverness), Ltd., Secon Street, Inverness; and Marshall & Stevens, Ltd., College Street, Glasgow, C.1.

Whitsun Holidays.—GLAXO LABORATORIES, LTD., Greenford, Middlesex, will have a skeleton staff at work from 8.30 a.m. until 12 noon on Saturday, May 12.—The offices and warehouse of J. H. HAYWOOD, LTD., Warser Gate, Nottingham, will be closed on Whit Monday and Tuesday.—The order department of PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, will be closed from noon on May 11 until Tuesday morning (urgent supplies from John Bell & Croyden, 50 Wigmore Street, London, W.1).

Price Changes.—BAYER PRODUCTS, LTD., Africa House, Kingsway, London, W.C.2, reduced on May 1 the price of Anol tablets (for the symptomatic treatment of allergic asthma).—G. HAVINDEN, LTD., 71 Baker Street, London, W.1, announce a new retail price for Spicer's A.1 tablet roll and flat pack. JOHNSON & JOHN-

SON (GT. BRITAIN), LTD., Slough, Bucks, announce increases in the trade and retail prices of Johnson's baby lotion, baby cream and baby gift box.—MAY & BAKER, LTD., Dagenham, gave effect on April 30 to new list prices for injection of Mersalyl.—RECKITT & COLMAN, LTD., Hull, are notifying all chemists that the prescription (tax-free) pack of Disprin tablets was reduced in price on April 23; the company's representatives are arranging rebates on existing stocks during their calls.

New Products and Packs.—ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2, have made available, in boxes of 100, ampoules of Hexathide (each containing 50 mgm. hexamethonium iodide in 2.5 c.c.).—THE BRITISH DRUG HOUSES, LTD., Graham Street, City Road, London, N.1, are now issuing vitamin C, B.D.H. (ascorbic acid) in tablets of 500 mgm. (10,000 international units) in bottles of twenty, 100, 500 and 1,000.—CIBA LABORATORIES, LTD., Horsham, Sussex, have introduced Dibistin, containing in each tablet two antihistamines (0.05 gm. Antistin and 0.025 gm. Pyribenzamine). That a patient who does not respond to one of the compounds may obtain satisfactory relief from another has been observed. Dibistin tablets are issued in bottles of twenty, 100 and 500, tax-free. The product is a Schedule 4 poison. Literature is available to pharmacists on request.—RICHARD HUDNUT, LTD., Power Road, London, W.4, have improved the formula of their Three Flowers lipstick and are now issuing it in a new red and gold propeller-type case. The lipstick is available in red velvet, regal red, orange red, rose pink and French rose shades.—PARKE, DAVIS & Co., Hounslow, Middlesex, announce the introduction of Bena-Fedrin, an antihistamine and nasal congestant containing Benadryl (diphenhydramine hydrochloride), ephedrine hydrochloride, Chloretone and menthol in an aqueous dextrose base. Bena-Fedrin is issued in bottles of 1 and 16 fl. oz.; it is a Schedule 4 poison.—A new anticonvulsant is available from SANDOZ PRODUCTS, LTD., 134 Wigmore Street, London, W.1, under the name Hydantal-Sandoz. The product is intended for the treatment of grand mal epilepsy, Jacksonian seizures and psychomotor equivalents. It is available in sugar-coated tablets each containing 0.1 gm. Mesantoin (methoin) and 0.02 gm. phenobarbitone.

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about suppliers of the following items:*

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Penicillin ephedrine nasal jelly (Smith)



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MAY 5, 1951

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Voters' Market

ON other pages of this issue we give brief details of the fourteen aspirants to Council honours, with their summarised statements of policy and—for those who judge on face values—set out their portraits.

This year's elections present an opportunity such as has not occurred for some years for voters to make clear what they want from their Council. The results, in fact, cannot help but reveal something of what is in their minds, since whatever happens two new faces must appear at the Council to fill the places of Mr. H. M. Hirst and Mr. H. Clement Shaw, who have retired. For some years past the choice has virtually resolved itself into playing for safety by voting back "the old gang," or attempting to secure the return of one of the knockers-at-the-door by "plumping" for him in order to avoid dissipating his chances. With such pressure tactics tending to cancel one another out, the advantages have been on the side of outgoing Councillors seeking re-election.

Not alone, however, from that point of view are members presented with a unique opportunity. It happens that there are clearcut differences of outlook and aim among the candidates. There are those with a strongly idealistic approach to problems, and there are others impatient of such nonsense who intend to keep their feet firmly on the ground. Unity is the watchword of some, while others openly champion the claims of sections. Is territorial representation sought? There are none or more in favour. Or opposed? There

are candidates who would fight to uphold the present system. Are health centres the objects of one's keenest opposition? There are candidates prepared to defend the proprietor pharmacist to the last ditch against any encroachment on his preserves. Does one accept that health centres are bound to come? So do some of the candidates. Does pharmacy's future lie in heightening the professional aspects of the craft and eliminating non-pharmaceutical "side-lines"? There are candidates sympathetic to that view, while the voter who sees danger in the monopsony of a Health Service *et praeterea nihil* may find the candidate who will do what he can to safeguard the shopkeeping tributaries that at present supplement the financial return from dispensing. One candidate solicits the votes of employee pharmacists, as being himself a retail employee, another because he has devoted years of service to their cause, yet another because he claims special opportunity to learn their requirements. Some think the pharmacist should be the party to the N.H.S. contract—and others that the contract can only be made with the owner of the business.

It is a voter's market. Not all of the matters mentioned are within the purview of the Council or certain to come up for discussion in the next twelve months. But the electors have to take note of possible changes resulting from the proposed new Charter, and set their course accordingly. Never was it more important to study the statements, know one's man, and vote.

How Not to Take Stock

OUR correspondent, Calamus, drew attention last week (*C. & D.*, April 28, 1951) to the injustice wrought to pharmacists by the failure of the British Broadcasting Corporation to include a pharmacist among the contributors to its programme "Taking Stock: What shall we do with the National Health Service." The omission did not prevent them, as he pointed out, from allowing one of the speakers to make grossly inaccurate and unsupported charges against chemists and the pharmaceutical industry, thus doubling the unfairness. It was as if, in a departmented warehouse, one of the heads of department were ex-

cluded at the annual stocktaking, and somebody from another department, not content with constituting himself a guide to the stocktaking team, threw in a few malicious opinions about the efficiency of his absent colleague.

Calamus urged action by one of the trade associations, and it is welcome news that even before his letter appeared the Association of British Pharmaceutical Industry had taken up the cudgels to some purpose on behalf of its members. In a letter to the B.B.C. the secretary of the Association wrote:—

SIR,—In the Home Service programme at 9.15 p.m. on April 5, the feature "Taking Stock" consisted of a general talk entitled "*What shall we do about the National Health Service?*", in the course of which a number of ill-informed and derogatory references were made in respect of the pharmaceutical and chemical industry, with suggestions of "profiteering," and similar unjustified comment, which must inevitably have created a most unfavourable impression amongst the listeners. The following aspects of the matter are brought to your notice:—

(i) It is appreciated that the feature was a free discussion and that the B.B.C. accepted no responsibility for the opinions and accusations made, nor is there any suggestion of malice on the part of those concerned in the discussion, one of whom did in fact make a passing reference to the costs of pharmaceutical research. The word "discussion" seems inappropriate, however, in the absence of one of the most interested parties, and comparison might be made with a "joint consultation of employer and employee" in which only the employer took part.

(ii) Of those who were invited by the B.B.C. to discuss the supply of the industry's products under the N.H.S., and who did so with such freedom before an audience of eight million listeners, no single person had, or claimed to have, any knowledge whatever of the practical working of the pharmaceutical industry. No reflection is implied on the "distinguished and determined medical men" who took part, nor on their professional knowledge of the therapeutic value of drugs, but the medical profession do not regard the commercial side of the pharmaceutical industry as their province, nor do they claim any practical knowledge of its operation.

(iii) It can only be assumed that it was as the result of some oversight that no one in a position to speak with authority on the question of drug supplies was included among the speakers when it must have been known that this subject would inevitably be raised, and it is hoped therefore that opportunity will be given, in some future programme of a similar nature, for the industry's viewpoint to receive the same consideration as has been accorded to that of the other parties concerned in the maintenance of the National

Health Service. As you will note from the enclosed Press notice, the Minister of Health had personally expressed his appreciation of the industry's record, in a speech on the day before the broadcast in question. You will agree that the broadcasting to the world of irresponsible attacks on a reputable British industry, where no opportunity was given for rebuttal of the accusations made, must have had very serious repercussions on its export trade and upon its prestige overseas; it is hoped, therefore, that a definite assurance will be given that no recorded repeat will be broadcast of this one-sided "discussion" on one of the country's most essential industries.

The letter elicited the following reply from the B.B.C.'s Talks Department:—

SIR,—Thank you for your letter, written on April 10, which followed the conversation I had had with your President, Mr. Hanbury. We certainly appreciate your concern at the remarks which were made in "Taking Stock" on April 5. It is impossible in a broadcast of this kind to represent every interest which might be criticised but we agree that attacks should not be made on an unrepresented third party. The chairman normally intervenes on these occasions, but he clearly considered that your complaint in the present case had been met by the doctor who referred to the cost and achievements of pharmaceutical research. If you hold the view that this reply was too tentative, we can sympathise with your annoyance. However, we did not take this view ourselves, and consider that the sensible listener would properly regard the achievement of the British pharmaceutical industry and appreciate that the criticism had its proper answer. You can rest assured that this Corporation would never wilfully allow the denigration of your industry, and the broadcast was not heard overseas nor was it repeated.

Up to a point, the reply was satisfactory. It gives the welcome information that the broadcast was not heard overseas, nor repeated. It leaves, however, the unfortunate impression created by the broadcast still present in the hearer's mind, not offset by any counter statement. It ignores the request for programme time for positive presentation of the Association's viewpoint. And it does not even promise, on the strict letter of the reply that the programme will not be rehearsed at some future date with the offending passages still present. We hope those points have been duly noted by the A.B.P.I., which, however, we congratulate on having acted in more forthright fashion than the representatives of the (retail) chemists who were accused of overcharging appear to have done.

U.S. View of Sulphur Shortage

UNITED STATES Government officials have recently given their outlook on the current world shortage of sulphur. In their view world demand is so great that between eighteen and twenty-four months may elapse before supplies catch up with demands. Of the world total production of 4,400,000 long tons of elemental sulphur in 1949, the United States accounted for 1,745,000 tons, while in 1950 United States output was even greater at 5,192,000 tons. The last figure compares favourably with the 1935-39 annual average of 2,175,000 tons. Production during the 1939-45 war increased greatly, but since 1948 the rate of increase has been smaller and last year it appeared to have reached a limit. Stocks of sulphur in the United States, which normally cover a two-year supply, have fallen to 2,650,000 tons, sufficient only for six months' requirements: the stocks are all in the hands of private industry. The United States may itself be

some 500,000 long tons short of its requirements in 1951, according to Government estimates. There is no way, say the officials, to increase exports of native sulphur without increasing supplies (and at the moment that seems unlikely) or without cutting further into requirements deemed imperative at home. Exports of sulphur are controlled by the Government, so that the question of what price or currency a foreign buyer might offer is not at issue. As many foreign countries possess plant utilising native sulphur, the U.S. spokesmen see no interim solution to the problem other than by the conversion of plant to the use of sulphur derived from pyrites, anhydrite or similar raw materials. They take the view that, while no solution can be expected within about two years, both the United States and other countries would be able to adapt their economies to whatever sulphur may then be available from natural deposits as well as other sulphur-containing materials.

CORRESPONDENCE

Letters may be sent for publication under an assumed name, but the correspondent must furnish his real name and address to the Editor

P.A.T.A. Protected List

SIR,—Your retail readers, like myself, must find the new method you have adopted of publishing weekly in tabulated form price changes notified by the Proprietary Articles Trade Association much easier and quicker to refer to. I know that the P.A.T.A. much appreciates your co-operation.

NON-CUTTER.

Saving Money on Proprieties

SIR,—The high cost of the National Health Service seems to hinge on the cost of proprietary medicines. To remedy this one could restrict the prescribing of those items, but doctors would then be unable to take advantage of the large-scale research carried out by manufacturers. The alternative is to reduce the cost of proprietary medicines themselves. Many expensive items (Chloromycetin, streptomycin and certain synthetics) cannot be reduced owing to small-scale and expensive production. But what of the prices of the more common articles, stocked by all chemists, many of which are sold over the counter? Where demand warrants it, the chemist uses a

tax free dispensing pack which sells at a cheaper rate. Some firms, however, do not supply dispensing packs of their products, and the chemist is forced to dispense from highly priced retail packs. The retail price of an article, excluding dispensing packs, is made up of purchase tax (some items exempt); trade profit; cost of manufacture and original research; container; manufacturing oncost; manufacturers' profit. The first three are normally constant, and cannot be reduced. The fourth item, packing, offers opportunity for economy. Many manufacturers use distinctive and decorative packs for their retail lines. As some such items are heavily prescribed, the total loss to the taxpayer must be high, not to mention waste of valuable cardboard, etc. To reduce the cost of proprietary articles, I suggest that concerns wishing to supply goods for prescribing under the N.H.S. should contract with the Ministry of Health to supply at an agreed price, the Ministry to have access, in confidence, to their costings; and that all packs for N.H.S. prescribing should be in simplest form and tax-free.

ETHICAL.



Mr. W. S. Benjamin



Mr. S. G. Bubb



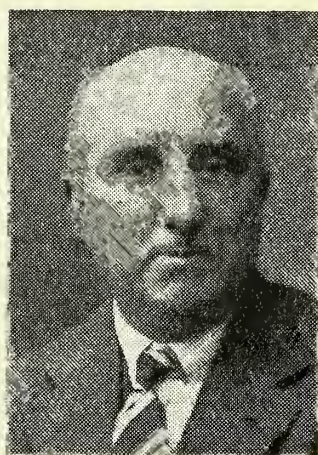
Mr. F. H. Connelly



Mr. W. Dea



Mr. J. F. McNeal



Mr. A. A. Meldrum



Mr. F. Robinson

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Brief biograph
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C

BENJAMIN, William Sidney

APPRENTICED to the late Mr. Ernest Prebble, of Liverpool. Qualified in 1932 from the Liverpool School of Pharmacy. As employee in retail pharmacy he had experience with private, multiple and co-operative firms until 1946, when he entered hospital pharmacy; now chief pharmacist to the Botleys Park Hospital, Chertsey, Surrey. Chairman of the National Advisory Committee, Association of Pharmaceutical Employees. Secretary of its London advisory committee since 1938. Member of the Pharmaceutical Whitley Council (Committee C). Member of several deputations to the Ministry of Health and a former member of the Joint Committee on a National Pharmaceutical Service. Member of the County of Surrey Pharmaceutical Committee. Secretary, South-West Metropolitan Hospital Pharmacists' Committee. A former chairman and present Committee member, Woking Branch.

POLICY:—At last year's annual meeting I moved a resolution calling for action to bring about unity in pharmacy so, as to

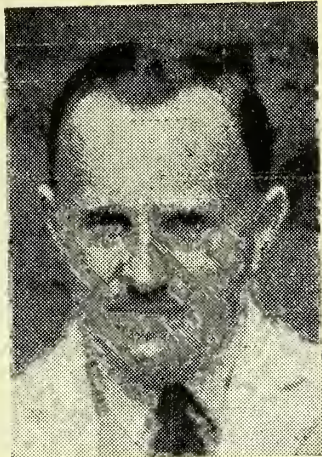
safeguard the interests of all pharmacists. If elected, I will press vigorously for the Council to carry this out without further delay. The recent Industrial Court Award marks the biggest step in safeguarding the interests of employee pharmacists. There is the need for the proper representation of employee pharmacists on the Council and for their organisation into a strong trade union. The pharmacist in charge of each set of retail premises must be recognised as providing the service under the N.H.S. arrangements. I feel equipped to represent the employees' views while advancing the cause of pharmacists generally. In my capacity as a trade union member I have endeavoured to improve the lot of my fellow employee pharmacists. I therefore appeal especially to them to enable me to carry my work on their behalf into the Council chamber.

BUBB, Stanley George

EDUCATED at Sir Thomas Rich's School Gloucester. Served apprenticeship under late Mr. W. J. Davis, M.P.S. Qualified



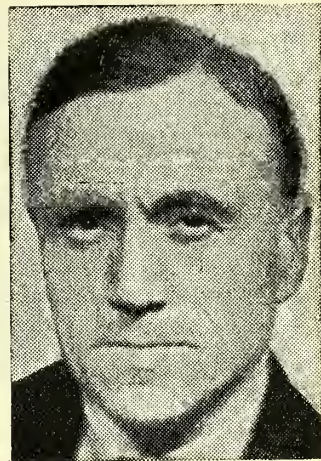
Mr. M. Dowty



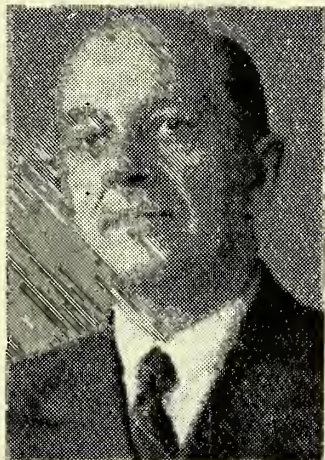
Mr. E. T. Griffiths



Mr. G. Hinchliffe



Mr. W. S. Howells



Mr. W. E. Stokes



Mr. B. A. Williams



Mr. F. C. Wilson

AL TES

Statements from
election of seven
local Society's

1933 after training at Merchant Venturers' Technical College, Bristol. Managed branches of Boots, Ltd., in Bristol, Wyndham and Oxford. After serving one year as manager for a private employer, took over a pharmacy in Oxford Road, Reading, in 1942. Now chairman and managing director, Stanley Bubb, Ltd., with five branches in Reading area. A former secretary, Reading and District Branch, Pharmaceutical Society. Present vice-chairman, N.P.U. Branch.

POLICY:—I believe in unity of all pharmacists. I stand for proper remuneration for the pharmacist. While admitting that progress has been made recently I consider that the pharmacists' services are greatly under-valued and grossly underpaid. Pharmacists should be able to take their place as equals with the doctors and dentists. I believe that the interests of pharmacist employers are linked with those of pharmacist employees rather than those of the financial groups which, at present, so largely dominate the position in pharmacy. I believe that the best

hope of progress lies along the lines of more active co-operation of pharmacists through the Pharmaceutical Society and its local branches. I am not convinced that there is any real shortage of man-power in pharmacy, and I would support the present Council's policy of maintaining the highest educational standards to protect and further the standing of our profession with the public and the authorities.

CONNELLY, Frederick Henry

QUALIFIED 1928, manager for Boots, Ltd., Oxford Street, London, for past eleven years. Chairman, trade union side, and vice-chairman, full council of National Joint Industrial Council for Retail Pharmacy; chairman, London advisory committee, Association of Pharmaceutical Employees, and of branches of Union of Shop, Distributive and Allied Workers. Employee representative on London Pharmaceutical Committee.

POLICY:—I have two main objectives, the full representation of employee pharmacists wherever their interests are con-

cerned, and the organisation of pharmacist employees into a trade union which experience shows is the only practical manner of achieving and safeguarding satisfactory status, remuneration, and working conditions. If the "Pharmaceutical Journal" editorial comment on the recent Industrial Court award reflects in any way the attitude of the Council of the Society, employees will realise how important it is that their representatives should secure election, and I strongly urge every employee to use his or her vote with that end in view.

DEACON, Walter

RETAIL pharmacist proprietor. Qualified 1904. President of the Pharmaceutical Society, 1939-41. Awarded C.B.E. and made Hon. M.Sc. of Bristol University, 1941, for work in pharmacy. A member of Statutory and Publications and Education Committees. Chairman, Somerset Branch of the Society, county Pharmaceutical Committee and pharmaceutical services subcommittee. Vice-chairman, new County Executive, and chairman of its Finance and General Purposes Committee. Chairman, Bridgwater Health Committee, and a member, Somerset County Health Committee. Chairman, management committee, Bridgwater, Minehead and Butleigh Hospital.

POLICY:—Three years ago I suggested to the electors the need to consolidate pharmacists' position under the National Health Service Act. Three years' working of the Act has underlined the necessity for the profession to be united in all negotiations with the Ministry, chemists' largest customer today. There must be an improvement in the recognition of the pharmacist as a professional man and more appreciation of his skill and training. The Supplemental Charter and by-laws should facilitate a firmer approach to the numerous national difficulties that are ahead. We should give the utmost support to other organisations that are engaged in defending the status of the pharmacist under the Act; in no circumstances can we permit a levelling down, either of our work, or of its financial recognition. A special effort must be made to obtain pharmaceutical representation on Hospital Management Committees.

DOWTY, Joseph Masters

A PHARMACIST'S SON. Qualified 1908. In 1909 elected first president, National Union of Assistant Pharmacists. In 1919

purchased present business in Southampton, and has held every office in local branches of the Pharmaceutical Society, National Pharmaceutical Union, and Photographic Dealers' Association. Chairman retail section of the local chamber of commerce during the 1939-45 war. For twelve years chairman, Southampton and Hampshire Pharmaceutical Committee and after seventeen years still chairman Southampton Pharmaceutical Committee. A former member of the local Insurance Committee, and a member of local Executive Council.

POLICY:—I contend that if the Society has the right to dictate the education and examination policy for its members, the Society is responsible for protecting members' financial and economic interests. Legislation should be introduced to restrict the sale of medicinal products to the pharmacy. I believe in area representation and in the organisation of branches into district and area councils. I am opposed to any dilution of the profession by any form of modified examination. I shall continue to fight for the right of pharmacists to hold commissioned ranks in the medical services of H.M. Forces. The National Health Service has brought about the separation of prescribing from dispensing. The full benefit can only be brought about by a national organisation of Pharmaceutical Committees, and this is a task for the Society's Council. It can bring to the Council's deliberations progressive ideas backed by a lifetime experience in retail pharmacy.

GRIFFITHS, Edward Trefor

QUALIFIED 1926. Chief pharmacist, Cardiff Royal Infirmary and assistant in pharmacy, Welsh National School of Medicine, University of Wales. Member of Council of Guild of Public Pharmacists.

POLICY:—I have served on numerous committees dealing with pharmaceutical and hospital matters. Being in active contact with various phases of pharmaceutical practice I wish to place my knowledge and experience of pharmaceutical matters at the disposal of members. I am particularly interested in the pharmacist as an individual, and am concerned, for instance, at the numerous shortages of essential commodities and drugs which prevent from giving the public as full a service as I would wish, besides being the cause of much extra work and annoyance. The Society could enlarge its sphere of

ness to members—not solely in the professional field. Branches of pharmacy, other than retail, should be allowed to contribute more to the thought and deliberations of the Council, so that members should have the benefit of all shades of thought and experience.

NCHLIFFE, George

QUALIFIED 1920, after serving in the Army, attaining the rank of captain. Opened business in Dukinfield, Cheshire, in 1921. Became a member of the Cheshire Pharmaceutical Committee in 1926 and was later chairman; a member of the Cheshire Insurance Committee until 1948. Chairman, Cheshire Pharmaceutical Committee and a member, Cheshire Executive Council. A former chairman of the Ash-under-Lyne Chemists' Association. Member of the Dunkinfield town council since 1932 and mayor, 1939-40.

POLICY:—I am in favour of two years' apprenticeship after the Intermediate examination, and not in favour of the final course being extended to three years. The diploma examination should be maintained and education policy should be based on the present requirements. It is necessary for the Council to be vigilant in fighting for the rights of its members, so far as its statutory powers permit. It should demand adequate representations on national and local committees concerned with the health of the nation. The branch system should be fostered to obtain this. We must organise still further to consolidate our position and improve the relationship between the pharmacist and the public. I have always been a staunch supporter of the N.P.U. and think that a good relationship between the N.P.U. and the Society desirable. May foster within the profession a spirit of unity and a desire to work for the betterment of all branches of pharmacy.

DWELLS, William Spencer

QUALIFIED 1910. Proprietor pharmacist. Member of Council, treasurer and a past-president of Society. Member of Statutory Committee. Former member of council and a past-president of the Proprietary Articles Trade Association. Member of committee and a past-chairman, Thames Valley Branch of the Society. Member and a past-chairman, Surrey Pharmaceutical Committee.

POLICY:—The Society's draft new Constitution is the result of a patient study

of the ways in which the Society can be brought up to date. I support the changes proposed, and the intention of the Council to secure as soon as possible legislation to enable the title "Pharmaceutical Chemist" to be used by all pharmacists and free the Society from certain limitations on the conduct of its domestic affairs. The new education policy of the Society will put pharmacy in a stronger position. The conditions under which students study for the Intermediate-examination, whether directly or through the General Certificate of Education Advanced Standard are in many cases in need of improvement, and every effort should be made to bring that about. Vigilance is necessary to ensure that the Society's resources are economically used. Continually rising costs face the Society and make the relation between income and expenditure a matter of increasing importance.

McNEAL, James Fallows

QUALIFIED 1921. Proprietor pharmacist. Member of Council and vice-president on three occasions. A member, Herts Pharmaceutical Committee. A past-chairman and secretary, Harrow Branch of the Society, a former chairman Harrow Branch, National Pharmaceutical Union. A former member of the National Pharmaceutical Union Executive and the Pharmaceutical Society's representative on the *Fédération Internationale Pharmaceutique* and British Council of Social Hygiene.

POLICY:—It is with a background of fifteen years' experience in almost every office in the Council that I come before you for a renewal of the confidence you have always given to me. Never seeking popularity, I have done my duty irrespective of whomever it displeased. My policy always is: to ensure proper status in the Armed Forces and public services to pharmacists. As a veteran of the first world war I know something of the former and frustration only increases my interest. If we really consider the future of pharmacy more attention should be given to students. I am a firm believer in prudent control of expenditure. The sale of drugs and medicines from unregistered premises is increasing and the greatest protection we can give to the pharmacist should be in this direction. There are few branches of the Society I have not visited officially and I place great value on these contacts and the greater recognition of branches in the scheme of things.

MELDRUM, Adam Alexander

PRESIDENT of the Pharmaceutical Society. Member of the Pharmaceutical Standing Committee (Scotland) and Aberdeen Pharmaceutical Committee. A past-chairman, Aberdeen and North-eastern Scottish Branch of the Society and local pharmaceutical association. A member of the (former) Working Party on pharmaceutical practice and remuneration.

POLICY:—During the eight years that I have been privileged to serve on the Society's Council I have applied myself wholeheartedly to the many complex problems which beset us. At this present crucial stage I feel that, with the experience I have gained, my services should again be offered to our members. My immediate aims are simple yet essential: an educational policy comparable to other professions; a stricter interpretation of ethical standards, and an all-out effort to secure a better understanding in Great Britain of the status and merits of pharmacy and the pharmacist.

ROBINSON, Eric

EDUCATED at Hanson junior and secondary schools. Served apprenticeship with the late Mr. J. H. Stancliffe, Idle, Bradford. Attended Bradford Technical College, and qualified in 1930. After qualification resumed employment as manager of branch establishment of apprentice-master. After three years became manager and in 1942, managing director of F. Mitchell (Chemist), Ltd. Became a Methodist local preacher in 1935. Member of Council of Bradford Branch, Pharmaceutical Society, since 1931, its chairman 1936, and secretary since 1940. Attended annual Pharmaceutical Conferences almost continuously since 1935. A member, Bradford Pharmaceutical Committee. Stood as Liberal candidate for Shipley Division, 1945.

POLICY:—Pharmaceutical affairs have keenly interested me since qualification, and with twenty-five years' experience in pharmacy I feel that I might profitably add this with enthusiasm and vigour to the Council. A greater sense of urgency is needed in Council affairs to counteract pharmaceutical apathy nationally. To stimulate the interest of Branches and Branch Representatives' meetings speedier regard should be paid to their recommendations. Improvements are long overdue in the "Pharmaceutical Journal" to meet the vastly improved contemporary journalism. It should be less completely

academic and more intimately concerned with pharmaceutical interests generally. It is easy to retail what one would do if elected, but I prefer to state that I would do all in my power to assist the Council in a progressive policy and to act more vigorously and courageously to safeguard the interests of pharmacy.

STOKES, William Ewart

APPRENTICED in Derby. Served throughout the 1914-18 war in the R.A.M.C. and Royal Fusiliers, gaining the Military Cross. Qualified in 1920, later had experience in the West End of London, the Midlands, and Lancashire, and since 1934 has been senior executive of Timothy Whites & Tanners, Ltd. (now chief pharmacist dealing with N.H.S. matters). A member of the Statutory Committee of the Society, the Central N.H.S. Contractors' Committee, the Joint Pricing Committee for England, the Pharmaceutical Whitley Council and the Surrey Pharmaceutical Committee.

POLICY:—The conditions prevailing in retail pharmacy govern eventually those in other sections of the craft. I regard the continued betterment of those conditions as the constant objective to be striven for, and since the N.H.S. remuneration now plays an almost decisive part in the economy of the pharmacy, the outcome of its negotiation is of vital interest to all. The constitution of the Council should by now reflect the changed nature of the membership during the past thirty years and it is obviously necessary that the Society, in revising the Charter, should assume powers to enable it to fulfil its duties to all its members and not only to a section. As a pharmacist "with authority" who is also "under authority," I have experience of the problems and viewpoint of both employer and employee, and can pledge myself to work for the interests of both, believing them to be compatible.

WILLIAMS, Basil Allen

QUALIFIED 1933. Retail and hospital experience. Served five years in H.M. Forces, demobilised 1947 with rank of temporary Captain. Recently purchased own business at Brentford. A past-chairman, Association of Pharmaceutical Employees. Member of Council, 1940-42. Now secretary of pharmacy section, Socialist Medical Association.

POLICY:—I want to see the revival of the Joint Committee on the National Health Service as the body responsible for

negotiating with the Minister of Health. I welcome the new Joint Industrial Council agreement. Managers must have the right of contracting with Executive Councils. I oppose the cuts in "oncost" payment for dispensing. Supreme authority should be vested in the Branch Representatives' meeting which should direct the Council on general lines of policy. I would support legislation to control the activities of the proprietary medicine monopolies which exploit a credulous public. The powers of a small number of businessmen to control so many of the multiple pharmacies are a danger to the effective working of a democratic system and need drastic curbing.

ILSON, Frank Clay

QUALIFIED 1927. Secretary, Bradford Branch of the Pharmaceutical Society, 1928-33; vice-chairman, 1933-35; and chairman, 1935-36. Elected to Council, 1939. Has served on many committees; at present chairman, Public Services Committee. A member of committee, Wimbledon Branch of the Society. Since 1946 secre-

tary, County of Surrey Pharmaceutical Committee, and a member, Surrey Executive Council. Present vice-president of the Society.

POLICY:—Since I was first elected to the Council twelve years ago I have not spared myself in fulfilling my obligations to the Society. As secretary to a large Pharmaceutical Committee, I have a unique opportunity of discovering the problems which face pharmacists today. The Society must continue to maintain high ethical standards. Educationally, pharmacy is at a high level and should continue to produce pharmacists capable of meeting all demands. Yet there is much to be done in modernising our educational system, especially in regard to the Intermediate examination. Post-graduate studies and refresher courses are long overdue, but it must not be forgotten that the increasing number of students entering pharmacy is making heavy calls on teaching staffs. The Society should expand its publications and research department. I pledge myself if re-elected to refuse none of the calls made upon me by the Society or its members.

ELECTION ADDRESSES

RIGHT of fourteen candidates for election to the Pharmaceutical Society's Council accepted the joint invitation of the West Ham and West Metropolitan Branches to address a meeting at the Society's headquarters on April 27. Speaking in an order determined by lot they outlined their policies and later answered questions. MR. G. BUBB pleaded for unity among all pharmacists. The interests of employers and employees were linked much more closely to one another than to financial groups, and if they stood together they could get proper remuneration and recognition as professional men. MR. F. C. ILSON thought the Council still lagged behind members in the matter of ethical standards. He looked upon the rehousing of the Society as a priority job to be completed before further depreciation in the value of the money gained by sale of the Brunswick Square building. MR. B. WILKINS was against territorial representation and wanted a strong line to be taken against "patent" medicines ("one of the biggest swindles and rackets in any sphere of activity"). Any legislation that strengthened the hands of pharmacists would always have his support. MR. W. S. BENNIN said it was high time the Society

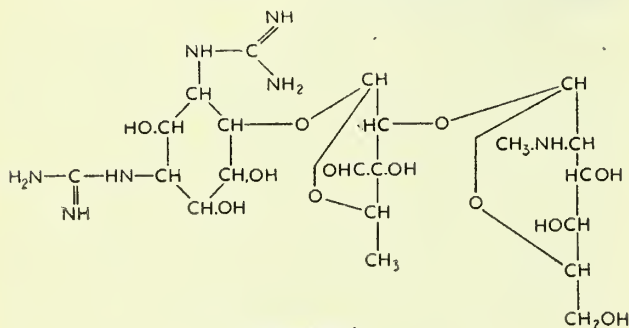
took a lead in Health Service matters, with which all its members were connected in one way or another. The Joint Committee on a National Pharmaceutical Service should be revived. MR. J. F. MCNEAL said that the Society had been formed for protection of the business of a chemist and druggist and could do that best by preventing sales of medicines from unregistered people. MR. J. M. DOWTY stood for bold leadership in pharmacy and hoped for a reversal of the Jenkin decision. Territorial representation, he said, was essential and had got to come. There should be a branch of the Society in every town with ten or more pharmacists, and the branches should be linked in district councils, which should in turn be linked in area councils. The area councils should bring forward candidates for the Council. The Society should act to bring together under its lead the hundred or so Pharmaceutical Committees. MR. W. E. STOKES, who said he proposed to keep his feet on the ground, defended the Central N.H.S. Contractors' Committee as being representative of pharmacy. The negotiations, he said, were in very good hands. To insist too much on professionalism in pharmacy would relegate all other drug

businesses into the hands of non-pharmacists. MR. CONNELLY, who as the last to speak hoped there was nothing prophetic in the chance that put others before him that evening, claimed to be the only candidate who was a retail pharmacist employee. Employees' remuneration was a matter of concern, he urged, to all members, since the general public could not be expected to place a higher value on the services of a

pharmacist than did his professional colleagues who were employers. Question-time showed candidates divided on what should be the attitude of pharmacists towards health centres and on the urgency of the problem, Mr. Williams being in favour of their extension. A suggestion that there should be separate qualifications for practising and academic pharmacists found no supporters among the candidates.

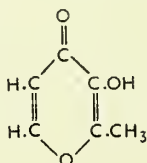
STRUCTURE AND PROPERTIES OF STREPTOMYCIN

THE twenty-first meeting of the fine chemicals group of the Society of Chemical Industry was held jointly with the London section in London recently, when MR. E. B. EMERY (Glaxo Laboratories, Ltd.), lectured on the "Properties, Production and Uses of Streptomycin." He said that streptomycin was shown chiefly by workers in the Merck organisation in the United States to be composed of a diguanidine derivative of inositol, linked glycosidally to a disaccharide which was later shown to consist of N-methyl-1-glucosamine itself also linked glycosidally to a new aldose sugar (streptose). The structural formula of the antibiotic was shown to be:—



Streptomycin

On degradation with alkali, streptomycin gave the hydroxypyrrone, maltol, which was obviously formed by molecular rearrangement of the streptose moiety and gave a brilliant violet colour with ferric chloride, a property used as the basis of assay methods for streptomycin. Dihydrostreptomycin was produced by catalytic hydrogenation of streptomycin, in which the aldehyde grouping was reduced to a primary alcoholic group. Streptomycin B, also isolated from fermentation broths, was shown by other workers to contain mannose again linked glycosidally to the N-methyl-1-glucosamine moiety of the whole streptomycin molecule.



Maltol

Biological Assay

Biological assay of streptomycin was normally carried out by the well-known cup plate method, using *E. coli* or *B. subtilis* as test organism. Streptomycin B showed only about one-quarter of the activity of streptomycin by those tests.

DR. H. A. CROOKES (Parke, Davis & Co.), suggested that histamine-like impurities present in earlier samples of streptomycin were removed by hydrogenation and that that fact accounted for the alleged superiority of dihydrostreptomycin. He asked whether adsorbing dyes were being used in the routine commercial production of streptomycin as agents for removing streptomycin from the fermentation broths. MR. EMERY agreed with Dr. Crookes regarding the neuro-toxicity of streptomycin and dihydrostreptomycin but was not aware of the use of adsorbing dyes for production purposes.

A PHARMACIST'S ANTHOLOGY

HE sat down and wrote out a prescription and folded it up and gave it me, and I put it in my pocket and went out. I did not open it. I took it to the nearest chemist's, and handed it in. The man read it and then handed it back. He said he didn't keep it. I said: "You are a chemist?" He said: "I am a chemist. If I was a co-operative stores and family hotel combined, I might be able to oblige you. Being only a chemist hampers me." I read the prescription. It ran:

"1 lb. beefsteak, with
1 pt. bitter beer every 6 hours.
1 ten-mile walk every morning.
1 bed at 11 sharp every night.

And don't stuff up your head with things you don't understand." I followed the directions, with the happy result—speaking for myself—that my life was preserved and is still going on.—From "Three Men in a Boat," by Jerome K. Jerome.

PHOTOGRAPHIC DEALERS' PRESIDENT IN DUBLIN

A MEETING of the Irish Branch of the Photographic Dealers' Association was held in Dublin on April 2 when the chairman (Mr. Lyall Smith) introduced Mr. Ranald C. McKechnie, Edinburgh (president, P.D.A.), who was visiting Ireland.

MR. SMITH said that, thanks to the P.D.A., there were practically no cut prices of cameras and photographic materials in Ireland today. They were reaching a stage where the P.D.A. diploma would soon be the recognised qualification for a photographic assistant.



Mr. R. McKechnie (president, Photographic Dealers' Association) congratulates Mr. Arthur Allshire, M.P.S.I., on the success of a lecture course for photographic dealers and assistants.

MR. McKECHNIE, who was cordially received, said that he would like to express, on behalf of the P.D.A., sincere sympathy with Mr. Smith on the death of his father, the late Mr. John Smith, who had been a valued member of the Council for many years. Mr. Smith was followed by his son Lyall, who had done a magnificent job of work, particularly as chairman of their education committee. MR. McKECHNIE said the coming examinations would be straightforward tests set by dealers for dealers and would not involve any trick questions. He advised candidates to give simple, concise replies rather than long involved answers. Irish traders were lucky not to have "the headache of a heavy purchase tax." There was not much hire-purchase in the photographic business in Dublin, though it had become a big feature on the other side of the Channel.

MR. SMITH thanked Mr. McKechnie for his expression of sympathy and announced to the meeting that an up-to-date talk on colour would be given in June. MR. P. F. McGRATH paid tribute to the help given by the P.D.A. to dealers. As a young man

he had received valued advice from the late Mr. Smith on the Committees of both the Irish Drug Association and the P.D.A. In fact, Mr. Smith had been the originator of the P.D.A. in Ireland. MR. J. A. O'ROURKE thought the adoption of hire-purchase in Ireland might lead to certain undesirable results when competition became keener and MR. McKECHNIE intervened to warn Irish dealers "to avoid hire-purchase like the plague if you can."

MR. A. ALLSHIRE suggested the promotion of newspaper competitions to assist the small dealer. MR. McKECHNIE replied that the policy of the Association was to co-operate so far as it could with newspaper and manufacturers' competitions. MR. M. SMITH (a chemist dealer) raised the question of separate rates of discounts being given by the importers of a well-known German camera. Full trade terms were given only to certain dealers, and that should not be permitted. It did not obtain with British dealers. MR. McKECHNIE advised taking up the grievance with the manufacturers. Asked for hints to help small dealers, his advice was to get to know and use the different types of cameras stocked, and wherever possible to show enlargements to customers. MR. G. C. O'NEILL agreed with MR. ALLSHIRE that newspaper competitions helped to stimulate public interest in photography.

MR. McKECHNIE finally drew attention to the unsatisfactory state of the subscriptions from Ireland.

ST. JOSEPH'S YOUNG PRIESTS' SOCIETY

THE eleventh annual meeting of the Pharmacy Branch of the St. Joseph's Young Priests' Society was held in Dublin recently, Mr. C. J. Cremen (president) in the chair. The report mentioned the leaving of office because of ill-health, of the former president (Mr. G. O'Neill). The monthly meetings had been well attended by the promoters, to whom credit was due, but better attendance of members at the meetings would help to consolidate the Branch. The membership of the pharmacy Branch was 963. The statement of accounts showed that subscriptions for 1950 included £102 from the wholesale section, £102 from the retail section, £55 from the Cork branch and £100 from the Cork legacy.

BRITISH PHARMACEUTICAL CONFERENCE

LOCAL arrangements for the eighty-eighth meeting at Harrogate, September 10-14, of the British Pharmaceutical Conference are well in hand, and the officers are optimistic that the ease of access of the town from all parts of the British Isles will attract a record attendance. The detailed programme is now published (see opposite page).

A list giving particulars and tariffs of hotels in Harrogate may be obtained on application to Mr. W. W. Baxter, Information Bureau, Harrogate. Reservations should be made direct to the selected hotel. Books of Conference tickets (price £5 5s. each) are obtainable on application to the local honorary treasurer, Miss O. Windemer, 4 Royal Parade, Harrogate.



GENERAL PURPOSES (LOCAL EXECUTIVE) COMMITTEE

Standing: Messrs. L. M. Hedley, E. Whitelegg and H. England. Seated: Mr. T. D. Page, Miss O. Windemer, Mr. G. L. Beet, Miss M. H. Linsley and Mr. R. W. Jackson.



LADIES' COMMITTEE

Standing: Mrs. Kinnisor, Miss Cox, Mrs. Pepper, Mrs. Page, Mrs. England, Mrs. Jackson. Seated: Miss Haste, Miss Windemer, Mrs. Beet, Miss Linsley (chairman), Miss Falcon (secretary), Mrs. Dobbryn, Mrs. Hedley.

Local Officers and Programme

MONDAY, September 10

- 4.45 p.m. AFTERNOON TEA in the Lounge, Hotel Majestic.
- 5.30 p.m. OPENING SESSION in the Royal Hall.
Welcome by the Mayor of Harrogate.
- 8.30 p.m. CIVIC RECEPTION at the Royal Hall (to be followed by a dance and refreshments). A motor-coach service is being arranged to and from all principal hotels.

TUESDAY, September 11

- 10 a.m. Address by chairman of the Conference in the Lounge Hall.
- 11.30 a.m. SCIENCE SESSION in the Lounge Hall.
- 11.30 a.m. LADIES' informal meeting, Hotel Majestic.
- 1 p.m. LUNCHEON in the Hotel Majestic.
- 2.15 p.m. SCIENCE SESSION in the Lounge Hall.
- 2.15 p.m. LADIES' EXCURSION to York (tea at the Kirk Museum).
- 4 p.m. TEA for members attending the Science Session in the Lounge Hall.
- 4.30 p.m. SCIENCE SESSION in the Lounge Hall.
- 7.30 p.m. CONFERENCE BANQUET at the Hotel Majestic.

WEDNESDAY, September 12

- 9.30 a.m. CONFERENCE EXCURSION to Scarborough and Whitby (lunch and dinner *en route*).

THURSDAY, September 13.

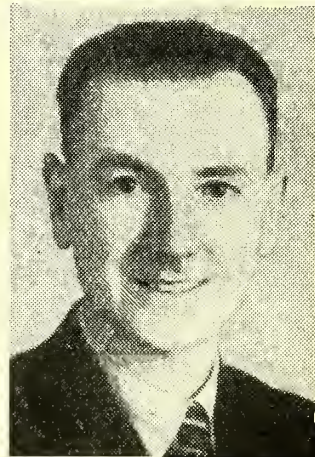
- 9.30 a.m. SCIENCE SESSION in the Sun Pavilion.
- 9.45 a.m. LADIES' EXCURSION to Yorkshire Dales.
- 10 a.m. BRANCH REPRESENTATIVES' MEETING in the Lounge Hall.
- 1.15 p.m. LUNCHEON in the Hotel Majestic.
- 2.30 p.m. BRANCH REPRESENTATIVES' MEETING in the Lounge Hall.
- 3 p.m. LADIES' FASHION PARADE and AFTERNOON TEA, Hotel Majestic.
- 7.30 p.m. CONFERENCE BALL at the Royal Hall. A motor-coach service is being arranged to and from all principal hotels.

FRIDAY, September 14

- 9.30 a.m. SYMPOSIUM SESSION in the Royal Hall.
- 1.15 p.m. LUNCHEON in the Hotel Majestic.
- 2.15 p.m. SCIENCE SESSION in the Sun Pavilion.
- 2.15 p.m. SPORTS (golf, bowls, putting and tennis).
- 4 p.m. AFTERNOON TEA in the Hotel Majestic.
- 4.30 p.m. CLOSING SESSION in the Lounge Hall.
- 8.30 p.m. INFORMAL EVENING at the Cairn Hydro Hotel.

The ladies' excursions are arranged primarily for ladies not interested in the Science Sessions but, in accordance with the decision of the Conference Executive in London, a limited number of places will be available for gentlemen upon payment of 10s. per excursion. Early application (with remittance) is essential.

right: Mr. G. L. Beet (local chairman); Mr. T. D. Page (vice-chairman); R. W. Jackson (secretary); and Miss O. Windemer (treasurer).



GUIDE TO NEW MEDICAMENTS

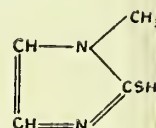
MERCAZOLE

MANUFACTURER: British Schering Ltd., 229 Kensington High Street, London, W.8.

DESCRIPTION: 1-methyl-2-mercaptoimidazole. INDICATIONS: Antithyroid therapy.

DOSAGE: 6 to 10 mgm. in divided doses daily; the dosage being gradually reduced until a satisfactory maintenance dose is reached.

HOW SUPPLIED: In bottles of 100 scored tablets of 2 and 0.5 mgm.



EUMYDRIN DROPS

MANUFACTURER: Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2.

FORMULA: A 0.6 per cent. solution of atropine methonitrate in 90 per cent. alcohol.

INDICATIONS: Whooping cough.

DOSAGE: Children up to four years, two drops; four to six years, four drops; six to ten years, six drops; over ten years, eight drops. The dose to be given four-hourly.

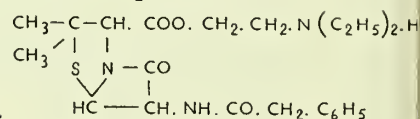
HOW SUPPLIED: Bottles of 15 mls (with dropper). Each drop = min. 0.506.

ESTOPEN

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

DESCRIPTION: The hydriodide of the diethylaminoethyl ester of penicillin G.

INDICATIONS: Treatment of respiratory infections of penicillin-sensitive organisms.



DOSAGE: From 500,000 to 1,000,000 units by injection.

HOW SUPPLIED: In single-dose rubber-capped vials each containing 500,000 units.

F99

MANUFACTURER: International Laboratories, Ltd., 18 Old Town, London, S.W.4.

DESCRIPTION: Concentrate containing linoleic and linolenic acids in the proportion 2:1. Biologically standardised.

INDICATIONS: Eczema, furunculosis, indolent ulcers, varicose leg ulcers, psoriasis, and other skin conditions under medical supervision, infantile eczema.

DOSAGE: 1 to 3 capsules (see below) per day, and 1 or 2 applications of ointment (see below) per day.

HOW SUPPLIED: Capsules: In boxes of twenty and jars of ninety, each containing 0.5 gm. of ethyl esters of the linoleic and linolenic acids. Ointment: In 2-oz. and 18-oz. jars containing 2 per cent. of the acids in an ointment base.

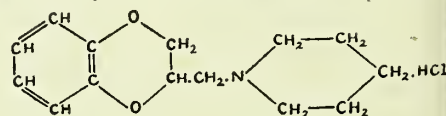
PIPEROXANE

MANUFACTURER: Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex.

DESCRIPTION: 2-(1-piperidyl-methyl) 1:4-benzodioxane hydrochloride.

INDICATIONS: The diagnosis of pheochromocytoma.

Prophylactically as an adrenolytic for the control of excessive fluctuation in blood pressure during surgical removal of chromaffin tissue tumours.



DOSAGE: As directed (a volume of 0.2 per cent. solution calculated on the area of the patient's body surface).

HOW SUPPLIED: In boxes of ten 10-c.c. ampoules (20 mgm. in each) of 0.2 per cent. solution in saline.

BRANCH OFFICERS

OFFICERS of local pharmaceutical Associations and branches of the Pharmaceutical Society and National Pharmaceutical Union elected recently include:—

ASSOCIATIONS

Bolton.—Mr. N. Berry, *President*, Mr. M. Hughes, *Vice-president*, Mr. W. Cumblehulme, *Silverdale*, Stapleton Avenue, Heaton, Bolton, and Mr. E. Bissell, Ph.C., *Secretary and Treasurer* respectively (re-elected), and Miss M. B. Cooper, *Press Secretary*.

West Middlesex Association.—*President*, Mr. H. H. Hall; *Vice-president*, Mr. G. H. Priestley; *Secretary*, Mr. R. C. Edwards, 106 Northfield Avenue, London, W.13; *Treasurer*, Mr. J. G. Hayes; and *Social Secretary*, Mr. J. W. Kitchener.

BRANCHES

Carnarvons and Anglesey.—*President*, Mr. D. H. Hughes, Abersoch; *Vice-president*, Mr. G. Ellis, Penmaenmawr; *Secretary*, Mr. H. Neville, 43 Queens Road, Craig-y-don, Llandudno; and *Treasurer*, Mr. Noel Dickson, Bangor.

Dartford.—*Chairman*, Mr. D. S. Smith; *Vice-chairman*, Mr. J. R. Watson; *Secretary*, Mr. G. H. Sheard, 267 Princes Road, Dartford. A lantern lecture on colour photography was given by Mr. S. O. Rawling, D.Sc.

Hull.—*Chairman*, Mr. B. H. C. Newson; *Senior Vice-chairman*, Mr. W. M. McNicol; *Junior Vice-chairman*, Mr. F. L. Booth; *Secretary*, Mr. J. J. Small, 3 All-eridge Avenue, Hull; *Treasurer*, Mr. N. Harrison, and *Social Secretary*, Mr. W. Booth.

Romford.—*Chairman*, Mr. L. Parkinson; *Senior Vice-chairman*, Mr. F. W. Waterson; *Junior Vice-chairman*, Mr. K. F. Moorey; *Treasurer*, Mr. K. Holland; *Secretary*, Mr. J. D. Mackenzie, Geoma, Bridge Avenue, Upminster, Essex.

West Kent N.P.U.—*Chairman*, Mr. J. Hamer; *Vice-chairman*, Mr. V. S. Leather; *Secretary and Treasurer*, Mr. Eric Neal, 245 Croydon Road, Beckenham. It was unanimously decided to support Messrs. D. W. Evans and E. Neal when they seek re-election on the Kent Pharmaceutical Committee. Mr. R. H. Kemp (Assistant secretary, N.P.U.) then gave an address entitled "Some Present-day Business Aspects of Retail Pharmacy."

PRELIMINARY REPORT ON GENERAL CHEMICALS TRADE

A CENSUS of Production preliminary report (No. 146) on the chemicals (general) trade has been published by the Board of Trade. The report relates to establishments engaged wholly or mainly in the manufacture of miscellaneous chemicals, synthetic resins and plastic materials but excludes cellulose acetate production at textile firms. The report covers only establishments which employed more than ten persons on the average during 1948 and includes fifteen Government factories. About 98 per cent. of the total net output of the establishments for 1948 is covered by the returns. The trade corresponds to minimum list heading 31 (3) and 31 (4) (apart from drugs, pharmaceutical chemicals and coal tar products) in the Standard Industrial Classification with the addition of ceramic glazes and frits from heading 29 (3) relating to miscellaneous non-metalliferous mining manufactures. Establishments in the trade in Northern Ireland are excluded in 1948. Owing to the risk of disclosure of information relating to individual firms, separate particulars of the small output in Northern Ireland were not published in 1935.

The following table gives a general summary of the report; further details were given in the "Board of Trade Journal," April 21.

	1948 (a)	1946 (b)	1937 (b)
	£'000	£'000	£'000
Number of establishments ...	473
Average number of persons employed (excluding outworkers) ...	No.	No.	No.
	95,220	83,306	30,851
Value of production (gross output)	180,622	122,380	44,295
Cost of materials, fuel, etc. ...	107,384	69,190	21,867
Amount paid for work given out	431	534	7
Net output ...	72,807	52,656	22,421
Wages and salaries	36,188	24,226	...
Net output per person employed (excluding outworkers)	765	632	441

(a) Great Britain only. (b) United Kingdom.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

London, May 2

THE chemical trade has received with some relief the news (see p. 567) of the second quarter quota of SULPHUR from the United States, though it is expected that some time will elapse before there is an improvement in output of the many PHARMACEUTICAL and FINE CHEMICALS dependent on sulphuric acid. Makers of CREAM OF TARTAR and TARTARIC ACID have reduced their prices by 20s. per cwt., following a decrease in the cost of raw material; supplies of these two products, however, continue short in the face of increased seasonal demand. PHENOLPHTHALEIN has been advanced by 1s. per lb., as a result of the higher cost of spirit used in processing. Makers of PILOCARPINE have marked up the HYDROCHLORIDE by 2s. per oz.; it is understood that recent supplies of JABORANDI LEAVES have had a low alkaloidal yield. HEXAMINE is dearer by 1d. per lb. TANNIC ACID is a firm market. A sharp increase has occurred in the price of PHENYL MERCURIC ACETATE which is now in the region of 132s.-133s. per lb. CALCIFEROL is slightly dearer with 1-kilo at 5s. 9d. per gm.

There has been little change in the CRUDE DRUGS market with activity still very limited. A good inquiry has been received for BELLADONNA LEAVES, though little if any quantity is now available and it will be some two months before new-crop English leaves are obtainable. Supplies of the better grades of RHUBARB are much depleted though there is no shortage of medium and lower qualities. Prices of COCHINEAL have advanced. Sumatra BENZOIN is a slightly easier market. Spanish ORANGE PEEL is firm at source and some dealers are asking more for spot quarters. STYRAX continues firm with spot quotations unchanged. There has been no improvement in supplies of BALSAMS; a price of 37s. 6d. per lb. has been paid for B.P. TOLU on the spot and 47s. 6d. per lb. is asked for genuine natural balsam in course of landing. CAMPHOR POWDER is a firm market. MENTHOL continues easy with current lack of demand. Business in GUMS has been small and quotations for spot Kordofan GUM ACACIA have declined by 2s. 6d. per cwt. KARAYA and TRAGACANTH are quiet with prices unchanged. Though there has been a firmer tone in SHELLAC with some covering operations against the more distant positions, the spot market has been dull and prices slightly lower. In the WAXES market, BEESWAX has been weak and spot Dar-es-Salaam is now quoted at 600s. per cwt.

The ESSENTIAL OILS markets have been quiet and prices are little changed on the week.

U.S. Drug and Chemical Reports

New York, April

LESS demand is apparent in the chemical market despite shortages of basic materials. The supply position of synthetic VITAMIN has improved, with the exception of NITRINIC ACID and NICOTINAMIDE. These items are in a very strong position. Offers of CITRIC ACID are difficult to find except in the resale market where occasional lots are commanding from 60-65 cents per lb. All TARTRATES continue scarce and firm. The ANTIBIOTICS are experiencing a good inquiry. Cheap lots of MENTHOL are gradually disappearing from the market; it may still be possible to obtain a few lots at slightly below \$11.25 per lb. but some observers feel that it is only a question of a short time before the market becomes more stable in the face of a persistent downward trend over the past month or two. Trading in CRUDE DRUGS is materially hampered by price regulations which do not offer much relief to those who are facing steadily rising costs abroad, and dealers are hoping for the fixing of price-ceilings. Spot prices of many domestic drugs are well maintained and in some instances (such as PODOPHYLLUM and SENEGA root) the quotations are minimal. Recent purchases for the account of France have tended to stiffen the shipping prices of ORRIS ROOT from Italy while the new-crop SENNA LEAVES for May-June shipment from India are higher. Among the vegetable WAXES supplies of CANNELILLA and BEESWAX are scarce and the market is firm, while trading in CARNAU is sluggish though prices in Brazil are firmly held. Supplies of some ESSENTIAL OILS are becoming very short. With placement costs continuing above individual price ceilings, local houses are reluctant to sell in some instances. It is understood that unless some relief is forthcoming in the near future, spot stocks of certain oils will be exhausted.

Pharmaceutical Chemicals

CALCIFEROL. — Dearer. 1-kilo lots (25-gm. ampoules) are now 5s. 9d. per gm.

CREAM OF TARTAR.—Prices have been reduced by 20s. per cwt. New rates (per cwt.) for the home trade are as follows: 10-cwt. lots, 232s.; 5-9 cwt., 233s.; 2 cwt., 234s.; 1-cwt., 235s.; delivered.

HEXAMINE. — Current quotations from makers are from 1s. 8d. to 1s. 11d. per lb., as to quantity and pack.

HOMATROPINE.—Makers' prices of ALKALOID are from 97s. 6d. to 102s. 6d. per oz. and HYDROCHLORIDE, HYDROBROMIDE and SULPHATE, 75s. to 80s. per oz.

HYDROCYANIC ACID.—B.P.C. (Scheele's) quoted at from 1s. 5½d. per lb. and 1. at 1s. 1½d. per lb.

MERCURY DERIVATIVES.—Nominal quotas (per lb.) for 1-cwt. lots are: AMIATED, B.P., lump or powder, 21s. 9d.; CHLORIDE, B.P., powder, 19s. 6d.; ORIDE, B.P. (calomel), 22s. 6d.; OX- , B.P.C. levigated, or yellow B.P., 24s. **METOL.**—In short supply. 1-cwt. lots 22s. per lb.; 28-lb., 23s.; 14-lb., 25s.; , 26s.

OPIATES.—Home-trade rates (per oz.) quantities of 5 oz. and upwards are as follows:—**CODEINE.**—Alkaloid, hydro- nide and iodide, 58s. 6d.; hydrochloride sulphate, 51s.; phosphate, 44s. **MOR- NE.**—Alkaloid bimeconate, and tar- e, 62s. 6d.; hydrochloride, acetate, robromide and sulphate, 52s. **DIAMOR- NE.**—Alkaloid, 62s.; hydrochloride, 6d. **ETHYLMORPHINE.**—Alkaloid, 6d.; hydrochloride, 55s. 6d.

SALIC ACID.—In quantities of 1-ton and than 2 tons, spot material for the e trade is £133 10s. per ton, in 5-cwt. s; 10 cwt.-1 ton, £138 10s. per ton; wt.-10 cwt., £143 10s. In 1-cwt. kegs, es are £4 per ton more; quantities of than 5-cwt., £162 10s. per ton. Pack- free; delivered in U.K.

PHENOL.—Basic price for B.P. in drums nchanged at 1s. 1d. per lb.

PHENOLPHTHALEIN.—Prices have ad- ed by 1s. per lb. New rates per lb. as follows:—2-cwt. lots, 9s. 6d.; t., 9s. 7d.; 28-lb., 9s. 9d.; 14-lb., 10s.; , 10s. 3d.

PHOSPHORIC ACID.—B.P. is 1s. 4½d. per in 1-2 carboy lots. **HYPOPHOSPHORUS,** C., in winchesters, is from 5s. 7½d. to 9d. per lb., as to quantity.

PILOCARPINE.—**HYDROCHLORIDE** has in- sed by 2s. per oz.; in 25-lb. lots it ow 39s. 10d. per oz. **NITRATE** is un- ged in price, 37s. 10d. per oz. is asked 25-oz. lots.

SODIUM SULPHITE.—Prices are as fol- :—**ANHYDROUS** powder, in 4-ton lots, per ton, packed in 1-cwt. free drums. **CRYSTALS** (photographic), in 4-ton £31 per ton in free kegs or £23 per in 1-cwt. bags. Surcharges: 2 tons, ; 1 ton, £1; 10 cwt., £2; 5 cwt., £3; wt., £6 more than above rates.

MILBÆSTROL.—Quotations are from 1s. s. 4d. per gm. as to quantity.

ANNIC ACID.—Home-trade rate for s, B.P. (ex ether) in 1-cwt. lots is per lb.: B.P. powder is quoted at d. per lb. for the same quantity.

TARTARIC ACID.—Prices have been re- d by 20s. per cwt. New rates (per for the home trade are as follows:— wt. lots, 280s.; 5-9 cwt., 282s.; 2-4 284s.; 1-cwt., 285s.

Crude Drugs

AGAR.—Kobé No. 1 on the spot is from 9s. 2d. to 9s. 6d. per lb., duty paid; for shipment (May-June) from Hong Kong, 9s. 6d., c.i.f., quoted.

ALOES.—Cape on spot, 290s. per cwt., value; for shipment from origin, 270s., c.i.f. Curacao on spot, 330s. per cwt., quoted; no offers from the source.

ANISE (STAR).—Quiet. Forward quota- tions are now at 235s. per cwt., c.i.f., for May-June shipment from Hong Kong.

BELLADONNA.—Root on the spot is of- fered at 4s. to 4s. 6d. per lb. Leaves are in good inquiry, but spot supplies are ex- hausted; last business reported at 4s. 6d. per lb.

BENZOIN.—Quiet. No. 1 Sumatra block on the spot is quoted at £29 10s. per cwt.; for shipment, £26 10s., c.i.f.

BLACK HAW.—Bark of tree for shipment from origin is quoted at 3s. 9d. per lb., c.i.f.; on spot, 3s. 3d., quoted.

CAMPHOR.—Firm. In good demand. Chinese (B.P.) powder on the spot is from 5s. 9d. to 6s. per lb., duty paid (5s. 3d. to 5s. 6d. in bond). No offers from For- mosa until June-July shipment which is quoted at 5s. 7d. per lb., c.i.f. Chinese ¼-oz. tablets are valued at 6s. 9d., duty paid (6s. in bond).

CASCARA SAGRADA.—Quiet. 1950 bark on spot is 385s. per cwt., duty paid (350s. per cwt. in bond); 1950 for shipment, 332s. 6d., c.i.f.

CASSIA.—Whole bark for May-June shipment from Hong Kong is quoted at 140s. per cwt., c.i.f.

CHAMOMILE FLOWERS.—Belgian No. 1. 4s. to 4s. 3d.; No. 2, 3s. 6d. per lb., ex warehouse London.

CHERRY BARK.—Thin cut is quoted at 2s. 1½d. and rasped at 3s. per lb., duty paid, ex warehouse London.

CLOVES.—Zanzibar on spot, quoted at 3s. 9d. per lb.; for shipment, April-May, 3s. 7½d., c.i.f. Madagascar is nominally 3s. 6d. per lb., in bond; April-May ship- ment, 3s. 3d. per lb., c.i.f.

COCHINEAL.—Higher prices are asked on spot. Silver grey is quoted at from 7s. 3d. to 7s. 7d. per lb., with business reported at the lower value; black, 9s. 3d. per lb., spot; for shipment, 9s. 3d., landed terms, quoted.

COCILLANA BARK.—Business has been done on spot at 2s. 3d. per lb., duty paid.

GALANGAL.—Spot is quoted at 107s. 6d. per cwt.; for shipment, 110s., c.i.f.

GALLS.—Chinese for May-June ship- ment, quoted at 225s. per cwt., c.i.f.

GAMBOGE.—Siam pipe is at £40 to £45 per cwt., duty paid; powder is quoted at 11s. 6d. per lb., spot London,

GINGER.—Steady. African on the spot is 290s. per cwt.; new-crop for April-May shipment, 285s., c.i.f. Jamaican, new-crop, April-May shipment, No. 3, 430s., c.i.f. value.

GUM ACACIA.—Kordofan cleaned sorts quoted on spot at 125s. per cwt.; for May-June shipment, 112s., c.i.f.; June-July, 110s., c.i.f.

IPECACUANHA.—Colombian on the spot is offering at 60s. per lb.; for May-June shipment, 57s. 6d., c.i.f., quoted. Nicaraguan is valued at 62s. per lb. on spot; for shipment, 57s. 6d., c.i.f.

JABORANDI.—Shipment quotations are from £140 to £160 per 1,000-kilos, c.i.f.

JALAP.—Vera Cruz 9-11 per cent. resin, is available on the spot at 3s. 9d. per lb.; 15 per cent., 4s.

KOLA NUTS.—African halves on the spot are from 4½d. to 5½d. per lb., as to quality; to come forward, 5½d., c.i.f. Quarters are offering at 6d. per lb., spot.

LIQUORICE.—Anatolian natural whole root on spot in London is now quoted at 55s. per cwt.; decorticated, 110s. Russian natural is 55s. per cwt.; double-peeled, decorticated, 125s., spot London. Syrian natural, whole 47s. 6d. and cut, 55s. per cwt., ex warehouse London. Belgian block juice, 195s. per cwt. Turkish block juice is quoted at from 158s. to 220s., duty paid, according to holder. Turkish stick is 240s. per cwt., duty paid. Italian stick, 240s. to 475s. per cwt., duty paid.

MACE.—West Indian pale blade is nominal at 9s. 9d. per lb.; for shipment, 9s. 4d., c.i.f.

MALE FERN.—Jugo-Slavian on the spot, is 55s. per cwt.; for shipment, 48s., c.i.f.

MASTIC.—Quotations for tears (No. 2) are about 12s. 6d. per lb., spot.

MENTHOL.—Quiet. Chinese on the spot is from 94s. to 95s. per lb., duty paid (in bond, 89s.); for May-June shipment from Hong Kong, 87s., c.i.f., quoted. Brazilian for May-June shipment, 86s. per lb., c.i.f.; spot quotations are at 88s. per lb., in bond, and 93s., duty paid.

MERCURY.—Spot quotations are from £73 10s. to £74 per flask, ex warehouse.

MYRRH.—Aden selected sorts are quoted at £18 per cwt.; B.P. sorts, £14; siftings, £8 10s.; spot London.

NUTMEGS.—West Indian 80's are offering at 4s. 9d. and unassorted at 4s. per lb., ex warehouse. East Indian for shipment are quoted at 4s. 9½d. to 4s. 9½d., c.i.f.

QUINCE SEED.—Cape on the spot, 4s. per lb. Continental, 3s. 0½d. per lb., spot.

RHUBARB.—Three-quarters pinky on spot is 9s. to 9s. 3d. per lb., duty paid.

SANDARAC.—No supplies of North African available. A substitute resin is offered at 11s. 6d. per lb., ex warehouse London.

SARSAPARILLA.—Jamaican native red is from 2s. 6d. per lb.; for shipment, 2s. 4½d. c.i.f. Honduras, 3s. per lb., value, spot.

SEEDS.—Trading during the past week has been slow with practically very little business reported. **ANISE.**—Unchanged. Cyprus on spot, 160s. per cwt.; Turkish 150s. per cwt., in bond, and 160s. per cwt. duty paid. **CARAWAY.**—Dutch, spot London, quoted at 215s. per cwt., duty paid. **CELERY.**—Indian still offering at 1s. 10½d. per lb. on spot. **CORIANDER.**—Spot unchanged with Morocco at 160s. per cwt. in bond (170s. per cwt. duty paid) and Indian, 170s. per cwt., ex wharf London. Morocco new-crop for shipment is quoted at 115s. to 120s. per cwt., c.i.f., though business is reported at under these figures for June-July shipment. **CUMIN.**—Quiet market. Cyprus, spot London or Liverpool, is 250s. per cwt. Cyprus for shipment, 205s. per cwt., c.i.f.; Morocco, 185s. per cwt., c.i.f. and Indian, 200s. per cwt., c.i.f. **DILL.**—Indian on spot is 80s. per cwt. **FENNEL.**—Indian on spot is 140s. per cwt. for small quantities. **FENUGREEK.**—Morocco, spot London or Liverpool, 52s. 6d. per cwt., duty paid (50s. per cwt. in bond).

SENNA.—Tinnevely leaves, good-quality No. 3, are from 1s. 4d. to 1s. 5d., and inferior, 1s. 3d. per lb.; No. 4, 1s. 2d. per lb., ex warehouse London. Tinnevely pods are very scarce. Alexandrian manufacturing pods are available at 1s. 6d. per lb. 'sno' and Alexandrian leaves, siftings only 9d. per lb., spot.

SHELLAC.—Quiet. Spot F.O.T.N., pure 365s. F.O. Standard 1, 385s.; and fir orange, 420s. to 495s. per cwt.

STROPHANTHUS.—Kombé, 100 per cent is quoted at 21s. per lb. on the spot *gratus*, afloat, 32s. 6d. per lb., c.i.f.

STYRAX.—Firm. Spot is from 9s. to 9s. 3d. per lb., duty paid, and 8s. 3d. in bond; to arrive, 7s. 9d. per lb., landed.

TAMARINDS.—Calcutta for shipment are quoted at 63s. and 65s. per cwt., c.i.f., with a 10 per cent. and 5 per cent. stone content, respectively.

TOLU BALSAM.—Business has been done in B.P. on spot at 37s. 6d. per lb.; for natural, now landing, 47s. 6d. per lb. asked.

TONKA BEANS.—Frosted Parà are quoted at 6s. 6d. per lb., and Trinidad at 7s. ex warehouse.

TRAGACANTH.—No. 1 ribbon on the spot is £200 per cwt.; No. 2, £175; No. £155; No. 4, £85.

TURMERIC.—Madras finger is offered at 102s. 6d. per cwt., spot London; for shipment, April-May, 95s., c.i.f.

VALERIAN.—Belgian on the spot is quoted at 185s. per cwt., spot. Indian is 160s. per cwt., spot; for shipment, 160s., c.i.f. quoted.

WITCH HAZEL.—Leaves on the spot are quoted at 2s. 9d. per lb.

Essential and Expressed Oils

ALMOND. — Expressed sweet oil (B.P.) the spot is 6s. 3d. per lb. Bitter essential oil, s.a.p., on the spot, is from 8s. to 55s. per lb., as to grade.

AMBER. — Rectified on the spot is quoted 1s. 6d. per lb.

ANISE. — Spot quotations are from 8s. 3d. to 11s. 9d. per lb.; for May-June shipment, 10s. 6d., sellers, c.i.f.

BAY. — West Indian from 15s. 6d. to 18s. 6d. per lb., as to quality.

BERGAMOT. — In short supply. Nominal spot price is 80s. per lb.

BOIS DE ROSE. — Brazilian on the spot from 39s. to 43s. per lb., as to quantity.

CASSIA. — Sellers have been asking 30s. per lb. on spot; April-May shipment, 28s. 6d., c.i.f.

CINNAMON. — B.P. oil on the spot is quoted at from 52s. 6d. to 100s. per lb. English bark oil is offered at 21s. to 22s. 6d. per oz. Ceylon leaf, 20s. per lb., spot, nominal; for shipment, 14s. 6d. to 15s., c.i.f.

CITRONELLA. — Ceylon is offered at from 12s. 6d. to 17s. per lb., spot; for April-May shipment, 15s., nominal, c.i.f. Java on spot is quoted at from 16s. to 18s. per lb., as to quantity.

CLOVE. — English-distilled bud oil is from 28s. to 31s. per lb.; other grades of bud oil are from 28s.

EUCALYPTUS. — Very scarce. Australian 90-92 per cent. eucalyptol grade, 8s. 6d. to 10s.; and 90-92 per cent., 9s. 6d. per lb., nominal, spot; no offers from source.

GERANIUM. — Bourbon on the spot is from 175s. to 180s. per lb.

LAVENDER. — Firm. French, 38-40 per cent. linalol, on the spot is nominal at 10s. 6d. to 55s. 6d. per lb.; 40-42 per cent., 55s. 6d. to 58s. Spanish spike is from 29s. to 30s. per lb., on the spot.

LEMONGRASS. — Spot quotations are from 28s. to 31s. 6d. per lb. May-June, 29s., c.i.f.; July-August, 28s. 6d., c.i.f.

OLIVE. — Refined oils in drums are offered at from 32s. to 34s. per gall, as to grade, ex wharf. French edible oils for shipment are offered at £345 to £322, as to grade, per 1,000 kilos; and Tunisian at £45 industrial (maximum acidity 5 per cent.), £335; all c.i.f. London.

PEPPERMINT. — Chinese *arvensis* oil on spot is 33s. 6d. to 34s. 6d. per lb.; for shipment, 32s., c.i.f. Brazilian on spot 30s. per lb. Italian "Mitcham" *piperita* offering at 67s. per lb., with other grades of B.P. oil from 62s. to 70s. per lb., ex warehouse.

SPEARMINT. — Spot quotations are from 28s. per lb., duty paid.

Synthetics and Isolates

QUOTATIONS are per lb. and vary according to grade and seller.

GERANIOL. — Ex Ceylon, 105s.; ex Java, 60s. to 62s. 6d.; ex Palmarosa, 115s. to 120s. **GERANYL ACETATE.** — Ex Java, 65s. to 80s. **HELIOTROPINE.** — 25s. to 30s. **HYDROXYCITRONELLAL.** — Perfumers', nominal; for soaps, 120s.

INDOLE. — Per oz., 10s. to 15s. **IONONE.** — 100 per cent., 120s. to 150s. **ISOBUTYL ACETATE.** — 3s. to 4s. **ISOBUTYL BENZOATE.** — 6s. 3d. to 7s. 6d. **ISOBUTYL SALICYLATE.** — 6s. 6d. to 8s. 6d. **ISOEUGENOL.** — 42s. 6d. to 45s. **LINALOL.** — 60s. to 62s. 6d. **LINALYL ACETATE.** — 67s. 6d. to 72s. 6d.

METHYL ACETOPHENONE. — 11s. 6d. to 12s. 6d. **METHYL ANTHRANILATE.** — 17s. 6d. to 20s. **METHYL BENZOATE.** — 5s. to 6s. 6d. **METHYL CINNAMATE.** — 13s. to 14s. **METHYL PHENYLACETATE.** — 6s. 6d. to 8s. **METHYL HEPTYL KETONE.** — 36s. **METHYL IONONE.** — 140s. to 175s. **MUSK AMBRETTE.** — 58s. to 62s. 6d. **MUSK XYLOL.** — 8s. to 10s. 6d. **MUSTARD OIL.** — Artificial, 11s. 6d. to 15s. **MUSK KETONE.** — 60s. to 62s. 6d., nominal.

NEROLIN BROMELIA. — 13s. to 15s. 6d. **NEROLIN YARA YARA.** — 9s. to 10s. 6d. **PARACRESYL ACETATE.** — 8s. 6d. to 11s. **PARACRESYL PHENYLACETATE.** — 11s. to 12s. 6d. **PHENYLACETALDEHYDE.** — 52s. 6d. to 65s. **PHENYLACETIC ACID.** — Recrystallised, 5s. 6d. to 10s. **PHENYLETHYL ALCOHOL.** — 21s. to 24s. 6d. **PHENYLPROPYL ALCOHOL.** — 25s. **RHODINOL.** — 400s. to 410s., nominal. **SAFROLE.** — 13s. to 15s. **SANTALOL.** — 165s., nominal. **STYROLYLENE ACETATE.** — 11s. to 14s. **TERPINEOL.** — Perfumers', 4s. 9d. to 5s. 6d. **TERPINYL ACETATE.** — 8s. 6d. to 11s. 6d. **VETIVEROL.** — Nominal. **VETIVERYL ACETATE.** — Nominal.

WORLD TRADE

Swiss Exports in 1950. — Swiss exports of pharmaceuticals in 1950 rose to a value of 221,800,000 francs from 196,300,000 in 1949. In terms of volume, the 1950 exports were 243 per cent. of 1938. Exports of perfumery at the same time rose to 28,700,000 francs from 25,400,000 in 1949 and were 132 per cent. of 1938. Shipments abroad of industrial chemicals reached a value of 84,600,000 francs against 70,500,000 in 1949.

Fate of I.G. Farben. — Details of an agreement on the splitting up of the I.G. Farben chemical trust are disclosed in a draft letter to be sent by the Allied High Commission to the German Government. The trust, which has been in process of reorganisation for six years, is to be divided into three main component parts and about twenty smaller companies. The three main groups are the Bayer works at Leverkusen; the group of chemical plants centred upon Höchst; and the Badischer aniline and soda works of Ludwigshaven-Oppau. The Agfa company will remain in the Leverkusen group.

TRADE MARKS

From the "Trade Marks Journal," April 11

For all goods (5).

CURASIL, 691,607, by Bykgulden Lomberg, Chemische Fabrik, G.m.B.H., Konstanz.
TESTAFORM, 696,026, by The British Drug Houses, Ltd., London, N.1. ELEPTINAL, 696,454, by The Wellcome Foundation, Ltd., London, N.W.1.

For pharmaceutical tablets and powders (5).

CODASOLS, 695,474, by Ethical Products, Ltd., Teddington.

For deodorants (5).

FINODE, 695,582, by Roberts Pharmaceutical Laboratories, Ltd., London, W.1.

For medicines containing phosphorus for export to Panama (5).

DR. LALOR'S PHOSPHODYNE OR VITAL ELIXIR on label device, 692,847, by Robert D. Lalor, London, N.W.6.

For pharmaceutical preparations and substances (5).

SEK, 695,821, by International Chemical Co., Ltd., London, N.16.

For scientific apparatus and instruments (9).

MIKRODYN, 689,112, by Petrix-Union Gesellschaft Mit Beschränkter Haftung, German Federal State.

For photographic flashlight apparatus (9).

COROFASH, 696,133, by Coronet, Ltd., Birmingham.

For orthopaedic appliances and instruments (10).

ZIMMER, 674,834, by Zimmer Orthopaedic, Ltd., London, W.1.

For medical syringes (10).

SYRETTE, by F. H. Faulding & Co., Ltd., Adelaide.

For non-medicated toilet paper (16).

TOPSCORE, 693,551, by Cumberland Paper Co., Ltd., Cumberland.

For nail and tooth-brushes, soap and sponge holders, shaving dishes, sponges, and combs (21).

SEMPERIT, 689,523, by Semperit Österreichisch-Amerikanische Gummiwerke Aktiengesellschaft, Vienna.

For hair combs and brushes (21).

KIRTESSA, 696,158, by Macdonald & Son, Ltd., Manchester.

For babies' cotton napkins (25).

ABANCO SUPER COTTON FABRICS on device of world, 695,992, by Ashton Brothers & Co., Ltd., Manchester.

From the "Trade Marks Journal," April 18

For non-saponaceous detergents (3).

INDUSTRALENE, 694,779, by Commercial Suppliers Syndicate, Ltd., Derby.

For hair-tinting preparations (3).

CAMILA, 695,779, by Camilatone, Ltd., London, N.W.9.

For pharmaceutical, veterinary and sanitary substances and disinfectants, all in tablet form (5).

THERMOTABS, 686,884, by Sharp & Dohme, Ltd., Hoddesdon.

PRINT AND PUBLICITY

Curare Alkaloids.—The first issue of "Research Today, 1951" (24 pp.) by the Lilly Research Laboratories, Indianapolis, 6, Indiana, U.S. contains seventeen pages devoted to curare alkaloids.

Perfumery Advertising.—Goya, Ltd., 161 New Bond Street, London, W.1, are launching the new perfume Pink Mimosa with the "biggest perfume advertising campaign." The campaign commences this week and not as stated in company's announcement on another page.

Preventing Scale Deposits.—A new brochure "Phosphates for boiler water conditioning" (pp.) which describes the use of Calgon in prevention of scale deposits in boilers, is available from Albright & Wilson, Ltd., 49 Park Lane, London, W.1.

Medical Leaflets.—Leaflets, folders and book obtainable from manufacturers include those listed below:—

ALLEN & HANBURY, LTD.—Euvalerol M (4 pp.) Charkaloin (2 pp.) leaflets.

THE BRITISH DRUG HOUSES, LTD.—Livogen and Myanesin elixir (4 pp. pamphlets) are being posted to all doctors in the United Kingdom.

SANDOZ PRODUCTS, LTD., 134 Wigmore Street, London, W.1, Methergin, a new Sandoz oxytocin (14 pp.); "Bellafoline from leaf to relief" (7 pp.).

COMING EVENTS

Monday, May 7

BIRMINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Chamber of Commerce, New Street, Birmingham, at 7.45 p.m. Annual meeting.

WALLASEY PHARMACISTS' ASSOCIATION, Wellington Hotel, Liscard, at 8 p.m. Discussion.

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Central Library, Beckenham, at 8 p.m. Film "Chloromycetin" and address by Mr. C. Beavon (Parke, Davis & Co.).

Tuesday, May 8

NORTH LONDON PHARMACEUTICAL ASSOCIATION, BRANCH, Beale's Restaurant, Holloway Road, London, N.7, at 7.45 p.m. Annual meeting.

Wednesday, May 9

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, BRANCH, NATIONAL PHARMACEUTICAL UNION, Chamber of Commerce, New Street, Birmingham, at 7.45 p.m. N.P.U. Branch annual meeting. At 8.30 p.m. Association annual meeting.

Thursday, May 10

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropolitan Hotel, King Street, Leeds, at 7.30 p.m. Annual meeting.

ROYAL COMMERCIAL TRAVELLERS' SCHOOLS holding an Annual Court of Governors at Ermsins, Caxton Street, London, S.W.1, on June 15, at 11 a.m.

SOCIETY OF CHEMICAL INDUSTRY is holding seventieth annual meeting at the Royal College of Science, Imperial Institute Road, London, S.W.7, July 9-13. Registration (members only) £2 2s. Applications to reach the secretary, Victoria Street, London, S.W.1, by May 21.

New Pack!

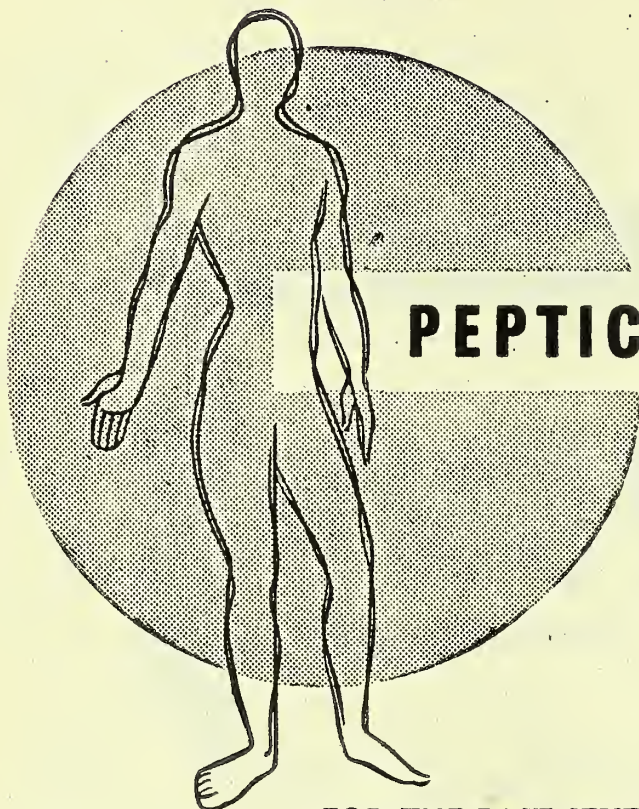


HERE is the new 'Nervone' pack, eye-catching, distinctive in its ivory and bronze blue colours! Displayed on your counter or in your window it will serve as a reminder to your customers that YOU can supply. Remember every 'Nervone' sale means a profit of **ONE SHILLING and SIXPENCE**, and even a modest display, such as the new pack provides, will move your stock with greater speed and enable you to take full advantage of the demand created by our large-scale advertising.

Retail 5/6d. and 22/-. Wholesale 48/- and 192/- (inc. tax)

P.A.T.A.

'NERVONE,' CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1.



PEPTIC ULCER THERAPY

*An
aetiological
approach*

FOR THE PAST SEVEN YEARS successful results in peptic ulcer have been obtained with an extract from gastro-intestinal tissues—a substitution therapy for regulating substances lacking in the stomach and the duodenum. This extract was introduced under the name ROBADEN in 1944. Since the numerous clinicians have reported their successful results on hundreds of peptic ulcer cases in different countries. Now that supplies are more freely available in this country, doctors here are confirming the good results reported elsewhere. ROBADEN is particularly useful in ambulatory cases and symptomatic improvement is often evident after the first few injections. Ampoules are supplied in separate form for gastric and duodenal ulcers; tablets are also available.

Full details and clinical references on request.



PRODUCT OF ROBAPHARM LTD

The Robaden trade mark is the property of Robapharm Laboratories, Basle, Switzerland, manufacturers of biological specialities to the medical profession.

Boxes of 1 c.c. ampoules 6's 10/6, 30's 42/6
Tubes of tablets 30's 11/3, 150's 48/6
(Prices subject to P. Tax.)

Sole agents in the United Kingdom and Eire:

WARD, BLENKINSOP & CO., LTD
6, HENRIETTA PLACE, LONDON, W.
Telephone: Langham 3185

COLLIRON

TRADE MARK

EVANS

The main disadvantage with the majority of oral iron preparations is that they cause gastro-intestinal disturbance. It is thus often impossible to administer sufficient iron by the oral route fully to restore the haemoglobin level to normal. Colloidal ferric hydroxide in the form of Colliron overcomes this great disadvantage as the iron is present in a non-irritant form and is readily tolerated even in large dosage over a prolonged period.

OUTSTANDING ADVANTAGES OF COLLIRON INCLUDE:

- 1** *It is pleasant to take.*
- 2** *It very rarely causes gastro-intestinal disturbance.*
- 3** *The iron is present in a non-irritant form.*
- 4** *It is suitable for prolonged therapy even in young children or infants.*
- 5** *It does not stain the teeth.*

PACKAGE: Bottles of 4 fl. oz. and 8 fl. oz.

LITERATURE: On request from the Medical Information Department, Speke, Liverpool 19, or 50 Bartholomew Close, London, EC1

EVANS

EVANS MEDICAL SUPPLIES LTD • LIVERPOOL & LONDON

Overseas Companies and Branches

AUSTRALIA • BRAZIL • EIRE • INDIA • PAKISTAN • SOUTH AFRICA • SOUTH EAST ASIA

368B



IN MATTERS CONCERNING FEMININE HYGIENE.

SHE LOOKS TO
***you* FOR**
PROFESSIONAL ADVICE

The responsibility to give professional advice when called upon has placed pharmacy in a position of high esteem and it is a service especially valued by women. When it is a question of family limitation it is always wise to suggest a Rendell's Product. As pioneers of the chemical contraceptive we can now offer a range of preparations to suit every individual requirement.

RENDELL PESSARIES

RENDELL GELS

RENDELL-FOAM

RENDELL-CREAM

Rendell's

PRODUCTS FOR FEMININE HYGIENE

W. J. RENDELL LTD., ICKLEFORD MANOR, HITCHIN, HERTS.

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(continued overleaf)

ANAHÆMIN' The established treatment for pernicious and other macrocytic anæmias

FURTHER EVIDENCE that the therapeutic action of liver extract in pernicious and other macrocytic anæmias depends upon the presence not only of a primary factor, vitamin B₁₂, but upon the presence also of accessory factors as presented by several speakers at the International Congress of Hæmatology held at Cambridge (see *Lancet*, September 23rd, 1950, p. 407). Until the part played by these factors, both primary and accessory, is clearly defined, the use of Anahæmin, which over a decade has proved to be completely effective therapy, is both rational and in the best interests of the patient. Every batch of Anahæmin is clinically tested before issue.



In 1 ml. and 2 ml. ampoules
and vials of 15 ml. and 30 ml.

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Anah/T/2

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FOR BULK SUPPLIES OF

Disinfectants

**BLACK AND WHITE FLUIDS APPROVED FOR USE
UNDER THE DISEASES of ANIMALS ACT, ETC.**

& Pine Fluids

**DISINFECTANTS AND DEODORANTS—ALL TYPES
PACKED IN 1, 5, 10 and 40 gallon drums.****PRINCE REGENT TAR COMPANY LTD.****(Managers: BURT, BOULTON & HAYWOOD LTD)****BRETENHAM HOUSE, LANCASTER PLACE, LONDON, W.C.2****Telephone: Temple Bar 5801 (8 lines)****Telegrams: "Burboul, Rand, London"**

The Bronnley Beauty BULLETIN

This advertisement starts a feature which will appear at intervals on Page 7

LEADERS OF FASHION

Harpers Bazaar, leading Fashion Journal, reminded us recently "that the bath . . . ranks high amongst the minor pleasures of life. Everything should match the richer fragrance of the scent you are to wear." This is the basis of the theme "Bronnley for the Beauty Bath . . ." bath essence, crystals, soap and powders in Bronnley's four exquisite fragrances—English Fern, Gardenia, Mignonette and Rose Geranium.



BRONNLEY AT THE FESTIVAL

We are pleased to announce that Bronnley English Scene Bath Crystals and preparations for men are to be shown in the Design Review Section of the Festival. Stocks of these series are readily available.



MIGNONETTE

We at Bronnleys are particularly happy that our Mignonette fragrance introduced in 1948, has become so very well accepted by our discriminating public. Introduce it to your best customers and they will return for more! It comes in Beauty Bath and Toilet Soaps, the full range of Bronnley Bath Preparations and as a spirit perfume in two sizes.



WINDOW DISPLAYS IN SPRING

This is the month to brighten your windows with the seasonal nursery animal designs which decorate the charming series of Bronnley preparations "for a beautiful baby." Now is the time to check your stocks of Bronnley Baby Soap, Cream, Lotion and Powder—profitable lines for "best-class" trade.



CONCLUSION

*"Trifles make perfection,
but perfection is no trifle."*

Michael Angelo



*By Appointment
Toilet Soap Makers
to H.M. King George VI
H. Bronnley & Co. Ltd.*

Modern Treatment for

FUNGOUS SKIN INFECTIONS

It is now firmly established that the skin protects itself against infection by its "acid mantle." Experiments have proved that the higher fatty acids are extremely effective fungicides which do not produce contact dermatitis.

Decilderm Ointment and Powder (Duncan) present the particularly effective fatty acid, undecylenic acid, and its zinc salt. Both preparations are pleasantly perfumed and are easy to apply. They can be used for long periods, if necessary, and are valuable for the treatment of tinea pedis (athlete's foot), tinea cruris (dhobi itch), moniliasis, etc.

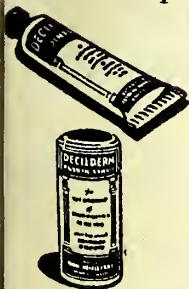
DECILDERM OINTMENT (Duncan)

1 oz. tubes (Undecylenic acid 5%—zinc salt 20%)

DECILDERM POWDER (Duncan)

2 oz. sprinklers (Undecylenic acid 2%—zinc salt 20%)

Prices and Literature on request



DUNCAN, FLOCKHART & CO. LTD.

EDINBURGH

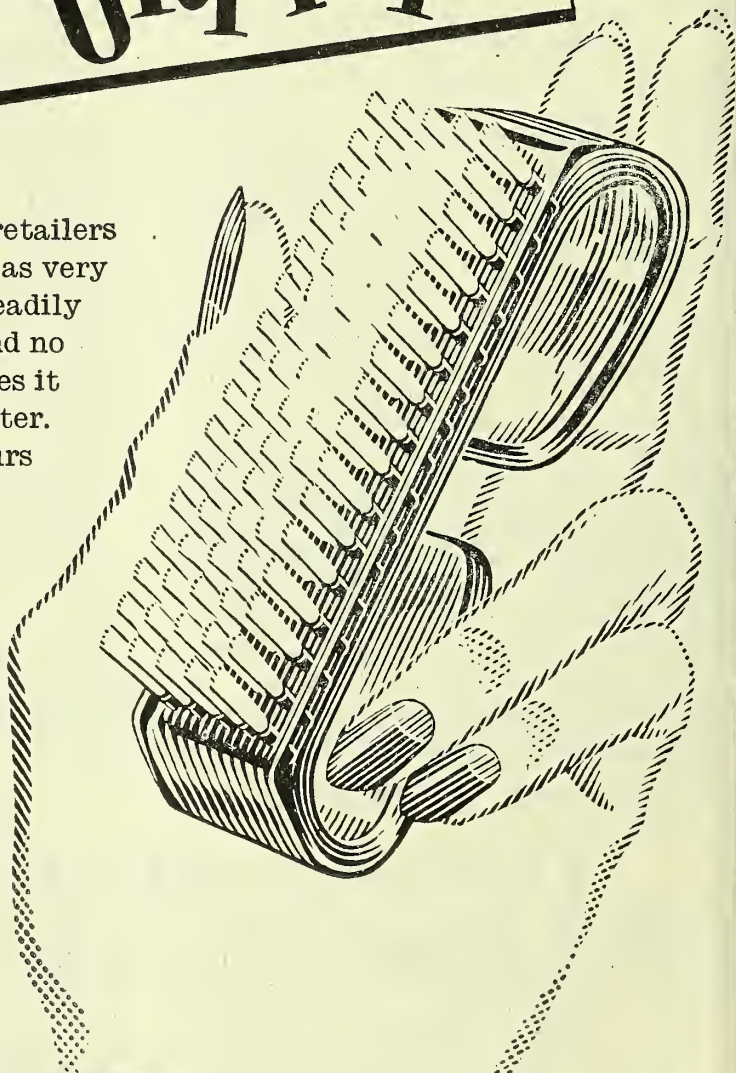
LONDON

NO WONDER

GRIPPY

SELLS

Through a period when most retailers have reported nailbrush sales as very sticky, Grippy has gone on steadily building up its popularity—and no wonder! Its novel design makes it easy to grip, even in soapy water. Its attractive jewel-like colours catch the eye wherever it is displayed. Its price is right for the majority of buyers, and nation-wide advertising is ensuring nation-wide recognition. Put a box of Grippy on your counter and see how quickly it empties. The cost to you is 25/10d per dozen plus tax, to retail at 3/11d each.



GRIPPY

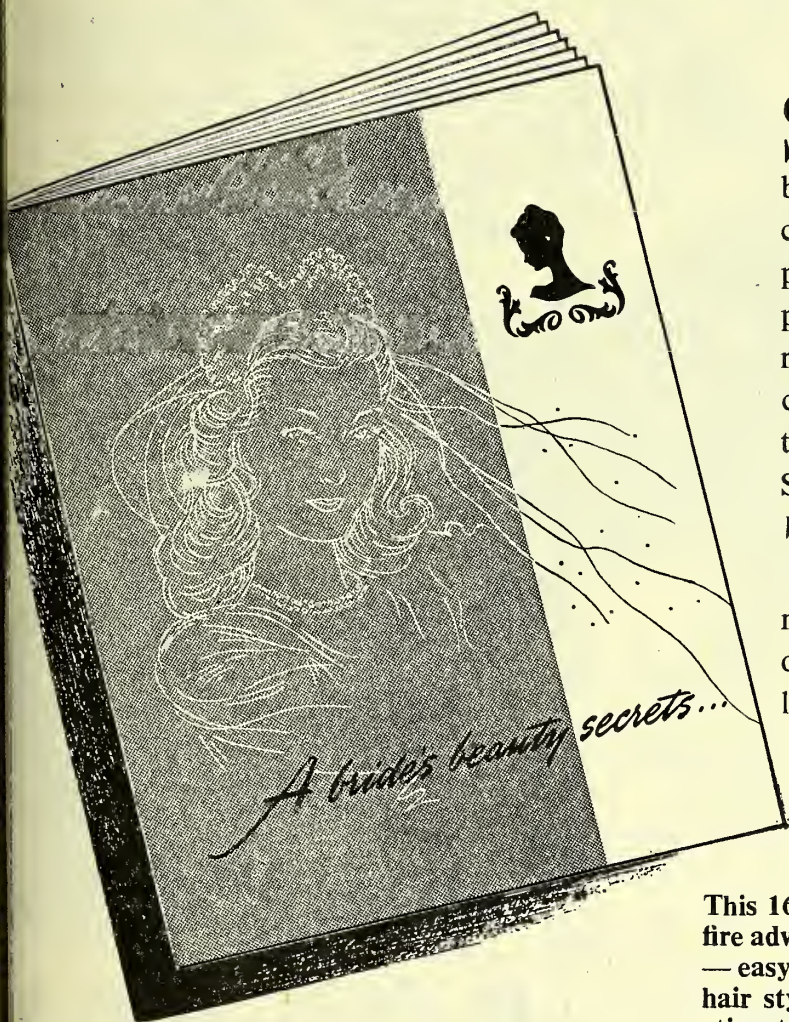
**THE NEW
NEVER-SLIP
NAILBRUSH**

made by

Addis, the Wisdom people

ADDIS, LTD., BRUSH WORKS, HERTFORD

***Tens of thousands of these popular
Booklets are now going out
selling the whole range of
Snowfire Beauty Preparations***



SO GREAT has been the demand for this Snowfire booklet, that thousands more copies are now rolling off the presses to be sent to the public. Each one sells the whole range of Snowfire Beauty products; and the women who take the course are going to buy their Snowfire preparations *somewhere*. *Why not from you?*

Look over your Snowfire stock now and place your Snowfire order to be sure you are not losing business!

* * *

This 16-page booklet, offered free in Snowfire advertisements, is a whole beauty course—easy ways to face and figure beauty; hair styles, popularity secrets and wedding etiquette. Thousands are writing for it.

**Snowfire Vanishing Cream Foundation
and Snowfire Face Powder**

are being **NATIONALLY ADVERTISED** in
papers read by many **MILLIONS** of women

What about your
**Pink
 Mimosa**

WINDOW DISPLAY



Goya

*Goya launches
 his new perfume with the
 biggest ever perfume advertising
 campaign next week*

GOYA · 161 NEW BOND STREET · LONDON · W.1

**JACQUESIL FABRIC
 LTD.**

RED BANK MILLS, RADCLIFFE, LANCASHIRE

makers of the famous

"DAWN"
 REGD.

FACE CLOTH

introduce a

NURSERY BATH APRON

complete with Nursing Apron
 (with four pockets)

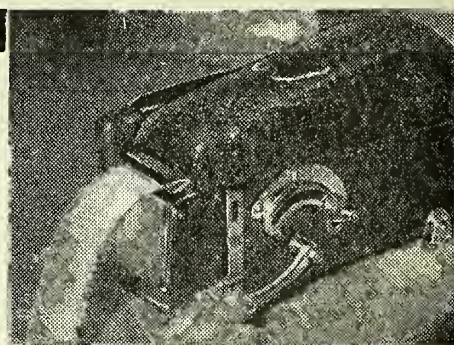
face cloth, sponge cloth and
 baby towel in attractive pack

**A USEFUL ADDITION TO
 THE CHEMIST'S RANGE**

Wholesale and Export only

London Representative :

G. H. BOLTON, 45 CITY ROAD, E.C.



RODNEY

**AUTOMATIC
 SEALING MACHINE**

**cuts out all tape
 wastage and gives
 efficient sealing**

★ send for illustrated leaflet

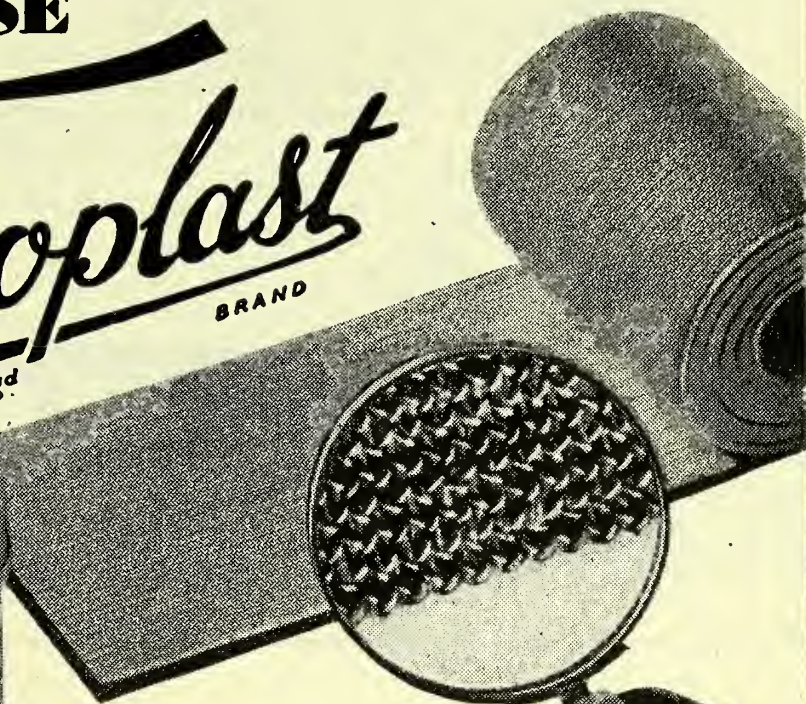
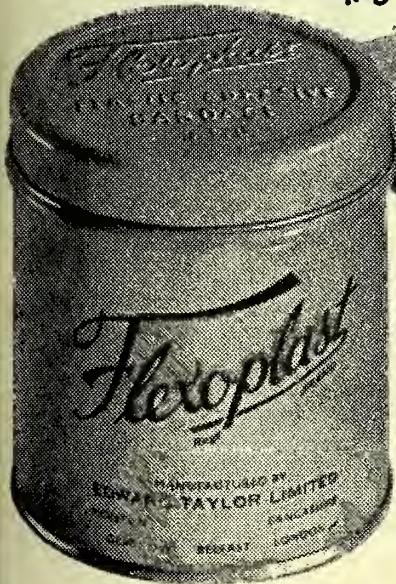
SAMUEL JONES & COMPANY LIMITED

New Bridge Street, London, E.C.4

Telephone: CEN. 6500

When the prescription calls for
ELASTIC ADHESIVE BANDAGE
DISPENSE

Flexoplast
 BRAND
 Regd



Non-Fray
Non-Fluffy
Woven-Edged

• **N.H.S. PACK in Tins**

Its resilience and retraction provide a firm
 and comfortable support appreciated by the
 Medical Profession.

2½" x 3 yards 3" x 3 yards

Also made in the following sizes:

1" x 3 yds.

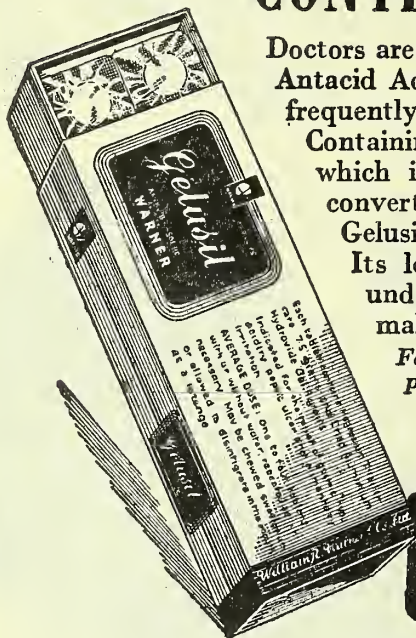
2" x 3 yds.

4" x 3 yds.

EDWARD TAYLOR LIMITED
MONTON • LANCS

ESTABLISHED OVER 100 YEARS

CONTINUOUS PERFORMANCE



Doctors are very pleased with the sustained activity of Gelusil* Antacid Adsorbent Tablets and these are prescribed ever more frequently.

Containing a specially processed non-reactive alumina which is not destroyed at gastric pH and which is not converted to soluble, astringent aluminium chloride, Gelusil affords uncomplicated relief in peptic ulcer.

Its long-lasting benefits and exceptional freedom from undesirable effects render Gelusil an excellent profit-making item.

For dispensing only. Not subject to purchase tax when used on prescription;—

BOXES OF 250
Price to Retail Chemists
114/- per dozen boxes.

BOTTLES OF 500
Price to Retail Chemists
200/- per dozen bottles.

GELUSIL

*TRADE MARK REG.

William R. WARNER and Co. Ltd.

POWER ROAD LONDON W.4

Dearborn

(1923) LTD.

MERCOLIZED WAX

. *for nightly skin care*

PILENTA SOAP

. *for the complexion*

SIPOLITE

. *a powder depilatory*

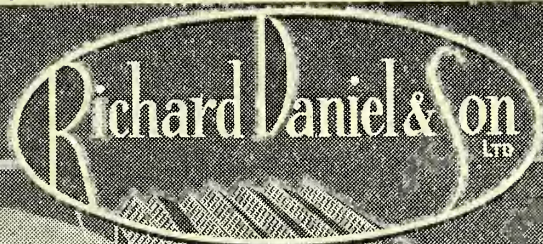
CLYNOL BERRIES

. *a slimming preparation*

Supplies obtainable from our Distributors

POTTER & MOORE LIMITED

LAVENDER HOUSE, SEYMOUR ROAD, LEYTON, E.10



PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR
CHEMISTS

*Manufacturing
Chemists*

Head Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

Creative printing
FOR OVER 70 YEARS



THOMAS WAIDE & SONS LIMITED
KIRKSTALL HILL LEEDS.5.

Radian β BATH SALTS

REFRESHING. PAIN RELIEVING

FOR RHEUMATISM, SPRAINS, BRUISES AND GENERAL FATIGUE—PARTICULARLY RECOMMENDED FOR ATHLETES

A recent addition to our products, Radian β Bath Salts (medicated) has been prepared to provide a pleasant and convenient method of applying the therapeutic properties of our well known Radian β Liniment. General pain and stiffness can be soaked away in a bath. The vapour of the bath salts also acts as an inhalant, clearing head, throat and chest. It is the ideal treatment for assuring a good night's rest to an overtired body. *A product of:—*



Radiol

CHEMICALS LIMITED

Tel: VANdyke 2692

Grams: Radiatonal,
Van, London

Radian β Bath Salts will prove as ready a seller as Radian β Liniment, so order promptly and amply.

A National Advertising Campaign will shortly commence

78 UPPER RICHMOND ROAD, LONDON, S.W.1

We invite your enquiries and orders for
**DRUGS, GALENICALS,
CHEMISTS' SUNDRIES,
COTTON WOOL,
SURGICAL DRESSINGS
and TABLETS at
competitive prices**

**BIOREX
LABORATORIES LTD.**

WHOLESALE AND MANUFACTURING CHEMISTS
51 EXMOUTH ST., LONDON, E.C.1 Tel: TERminus 9494

*Post orders executed promptly.
Daily delivery service in the
Greater London Area*

N23

**A WARM
favourite!**

Victory V

GUMS & LOZENGES

FRYER & CO. (Nelson) Ltd., NELSON, LANCS.

D.D.T. FLYPAPERS

Retail 2d. and 3d. each

We can supply these printed with your own name and address

Sell for profit

Sell to advertise

Manufacture of this year's stock now commencing, send for particulars

LEWISALL PRODUCTIONS LTD.

Garden Street Works, Walsall

Phone: 4466

CARNEGIE

Manufacturing Chemists

'CARNEBROS BRAND'

AESCULIN

ALOIN

AMIDOPYRIN

ATROPINE & SALTS

BARBITURATES

BISMUTH SALTS

BROMISOVALERYLUREA

CAFFEINE & SALTS

CHLORAL HYDRATE

CHRYSAROBIN

CITRATES

EPHEDRINE & SALTS

ESERINE & SALTS

HYOSCINE HYDROBROMIDE

IODIDES

LITHIUM SALTS

P.A.S.

PHENAZONE

PODOPHYLLIN RESIN

QUININE & SALTS

SALICYLATES

SANTONIN

STRYCHNINE & SALTS

THEOBROMINE & SALTS

THEOPHYLLINE & SALTS

ETC.

CARNEGIE BROTHERS (1949) LTD

WELWYN GARDEN CITY : HERTFORDSHIRE : ENGLAND

TELEGRAMS : 'CARNEBROS' WELWYN GARDEN TELEPHONE : WELWYN GARDEN 506 (4 lines)

A 'CARNEGIES OF WELWYN' COMPANY



WHY SILCOT IS PREFERRED

Economical as well as Comfortable

TELL YOUR CUSTOMERS...

A Newcastle-on-Tyne woman, writing recently, made this comment:

"... I certainly find Silcot are the most comfortable and economical towels in use."

Here is a point to keep before you in the selling of Silcot—it is not only a safe, comfortable towel; it is economical as well.

In these days of higher towel prices this is a point to be remembered. Women are finding that true economy is not always achieved through buying a cheap towel. It is often more economical to buy Silcot with its ample thickness of cotton wool and the maximum protection which it affords.

For *sustained* comfort and protection there is nothing to surpass Silcot. Silcot towels for comfort, safety, economy.

ONE OF THE MOST WIDELY-ADVERTISED TOWELS

The Silcot advertising campaign goes on month after month in the leading women's magazines. Silcot is one of the most extensively-advertised towels on the market, reaching over 12,000,000 readers.

SILCOT

Sanitary Towels

PLEASE SEND BACK YOUR EMPTY CARTONS

MISS SILCOT IN THE MAY MAGAZINES



Advertisements are booked to appear in May in Woman's Journal, Woman's Weekly, Woman's Own, Illustrated, Woman, Housewife, Picture Post, Good Housekeeping, Stitchcraft, Ladies' Journal, etc.

MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER, 4

Ardwick 1561-2

DOUBLE YOUR SALES OF CALAMINE

this
SUMMER

Don't be caught short by a heat wave — stock up with Potter & Clarke's Calamine Lotion now.

Put up in good looking 4-oz. bottles.

TERMS AS OUR CATALOGUE



POTTER & CLARKE LTD

60-64 ARTILLERY LANE, LONDON, E.1

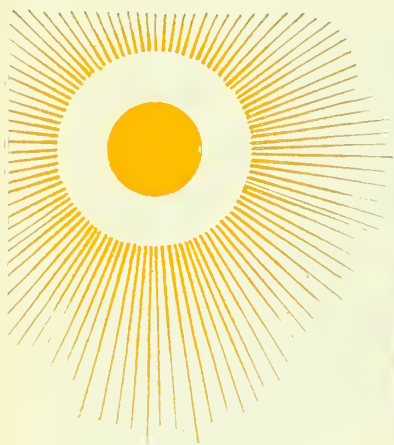
Phone : BISHOPSGATE 4761 Grams : Horehound. 'Phone, London.

77 DANTZIC STREET, MANCHESTER, 4

Phone: BLACKFRIARS 8734 Grams : Horehound, Manchester.

62 ORBISTON STREET, MOTHERWELL.

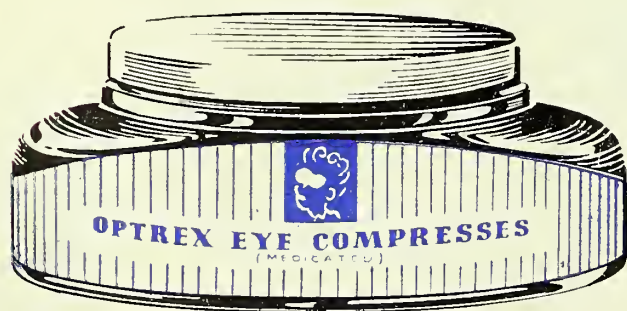
Phone: MOTHERWELL 1413 Grams: Horehound, Motherwell



Sell even more Optrex this summer...

The famous Optrex advertising will be building bigger-than-ever demand this summer. Be sure to keep adequate stocks of the Optrex trio :—

- 1 **OPTREX EYE LOTION**—*soothing, healing, stimulating and safe.*
- 2 **OPTREX EYEBATH**—*anatomically designed. Fits dust-free over the Optrex bottle.*
- 3 **OPTREX EYE COMPRESS**—*The refreshing treatment for the eyes.*



The better the stock
the better the sales...

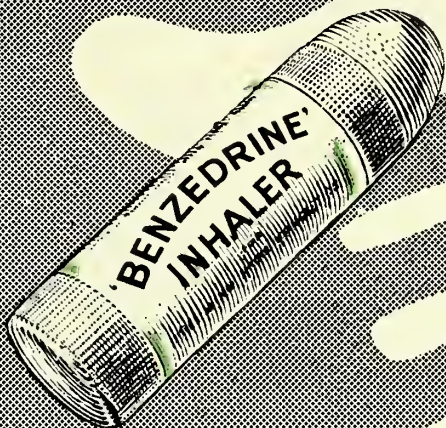
**Stock up
NOW**

TRADE TERMS PER DOZEN: Eye Lotion: small 18/-, large 31/6d., family 72/-. To retail at 2/6d., 4/4½d., and 10/- each respectively including P.T.; Eye compresses 24/-. To retail at 3/8d. each including P.T.; Eye baths: 4/6d. To retail at 9d. each including P.T.; Usual quantity discounts.



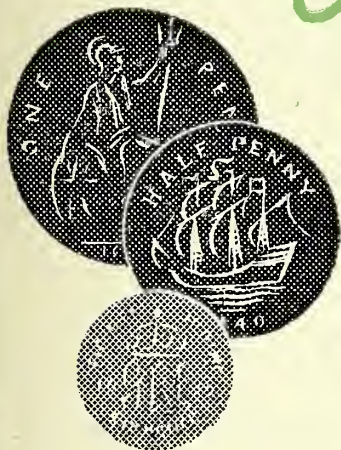
Sole Distributors: **KELDON LIMITED** · 17 WADSWORTH RD · PERIVALE · MIDDXX

We
offer
you . . .



FOR THE PRICE OF

'Benedrine' Inhalers



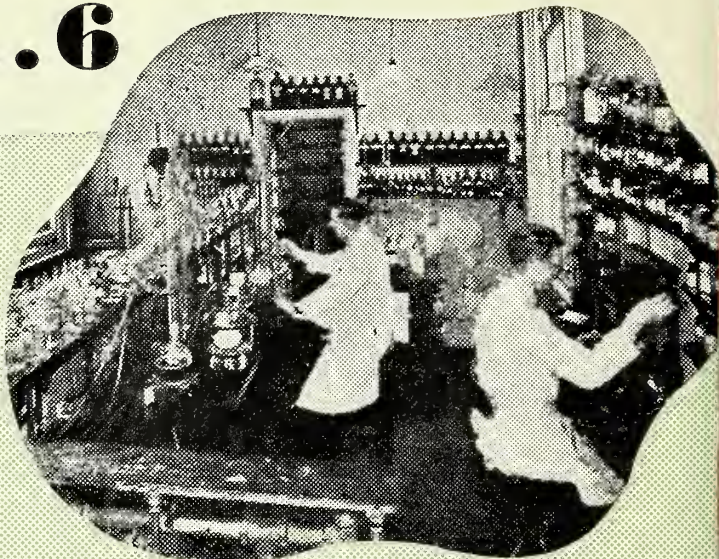
These profitable display terms are available from now until the end of May, in **return for one week's counter display.** Order now from your usual wholesaler and secure these advantageous terms.

Trade price 18/- doz. Retail price 2/- each (exempt from Purchase Tax). There's 6d. profit on each Inhaler sold—7½d. profit if you buy on Bonus Terms.

Where experience counts.....6

Careful assay of medicinal plants and expert analytical control during manufacturing processes call for specialised skill and experience.

The wide knowledge gained in over 100 years' manufacturing experience enables William Ransom & Son Ltd., to ensure products of the highest quality.



A section of the Ransom analytical laboratory

ACTUAL GROWERS OF

BELLADONNA • HENBANE
PEPPERMINT
FOXGLOVE • CHAMOMILE
LAVENDER

EXTRACTS

(Solid and Liquid)

TINCTURES RESINS
OLEO-RESINS • RESINOIDS
ESSENTIAL OILS • CHLOROPHYLL



MANUFACTURING CHEMISTS AND GROWERS OF
MEDICINAL PLANTS FOR OVER A CENTURY

WILLIAM RANSOM & SON LTD.
Hitchin Hertfordshire England

Paynes

FOR

S E R V I C E

BE PREPARED FOR
FATHERS' DAY

SUNDAY, 17th JUNE

Paynes Fathers' Day Tape is supplied on cards,
boxed in $\frac{1}{4}$ grosses. Retail price: 6d. per card.

A REMINDER

If you have not yet done so,
place your CHRISTMAS ORDERS now
for

"GIFT-TIME"
REGD.

Fancy Papers, Tapes and Tinsels, and of course

Crinkelpak

Order through your usual wholesaler.

We invite you to visit us on our stands at the B.I.F.

No. M 48, Stationery Section, Olympia.

No. O 804, Textile Section, Earls Court.

P. P. PAYNE & SONS LTD.

HAYDN RD., NOTTINGHAM | BUSH HOUSE, LONDON, W.C.2
NOTTINGHAM 66648 (3 lines) | TEMPLE BAR 5964 (2 lines)

FOR HOME & EXPORT

★ **Meta Amino**
Phenol 99/100 %

★ **Pas Acid**
Pas Sodium
Pas Calcium

in Bulk and Tablet forms

★ **Sulphone D.D.S**

★ **Citric &**
Tartaric Acids
—edible qualities

★ We can
supply these
and many other
drugs advantageously.



M·W·HARDY
AND COMPANY
(OVERSEAS) LTD

PINNERS HALL·GT WINCHESTER ST·LONDON·EC.2

TELEPHONE: LONDON WALL 7131

PROGRESS IN PACKAGING

NEW "Weather-Control" PACK for Hygroscopic Products

Macleans Limited now use Pliofilm for packaging their AC Brand Antiseptic Throat Sweets. Pliofilm stabilizes the sweets' moisture content, strongly assists their hygroscopic action, and protects their flavour and medical efficacy.



Plioform offers full protection against moisture-transfer

Like all products with hygroscopic tendencies AC Brand Antiseptic Throat Sweets absorb moisture from the atmosphere, unless they are fully protected.

But now, Pliofilm — the brilliant new transparent packaging material — is here! And full protection is guaranteed. For packed inside a crimping clip sealed Pliofilm bag, *before they are placed in their cardboard containers*, the sweets are safeguarded from moisture transfer. They are none of their consistency and their quality is protected, too. What's more, their full flavour and medical efficacy is maintained from factory to consumer.

Plioform gives this unique protection because it is proof against air, damp and moisture-vapour. Plioform works by sealing wanted moisture *in* and wanted moisture *out*. The "weather" inside the pack stays exactly the same, from the time it leaves the factory until it reaches the customer. Moist products such as surgical dressings; and

viscous products like cream shampoos, retain all of their moisture content. Dry or hygroscopic products such as medicinal tablets and capsules and throat sweets maintain their original consistency. What's more Plioform is tasteless, strong and completely hygienic.

Plain or printed in gay colours, Plioform's transparent brilliance makes a tempting display. And that means sales! But it can also be used as a liner-bag or a lining for paper or foil. One way or the other you will be seeing more of Plioform — the most practical packaging material in use today.

These are a few of the well-known products also packed in Plioform: **Band Box Shampoo** **Poultice Packs** by J. C. Eno Ltd. · **Mary Drake Soap** · **Medical Dressings** by T. J. Smith and Nephew Ltd. · **Toilet Preparations** by Camilatone Ltd. · **Gillette Safety Razors**.

**GOOD THINGS
ARE BETTER IN**

Plioform[★]

★ TRADE MARK The Goodyear Tire and Rubber Co.

Send your enquiries to Plioform (C.D.2), Goodyear, Wolverhampton

Telling millions

After the party-
The male odour of tobacco fumes is quickly dispelled by Zoflora—a refreshingly pleasantly perfumed.
Zoflora contains D.D.T., so sprays curtains and upholstery.

Where infection lurks
In the toilet especially, Zoflora is almost a necessity. Sprayed on the walls, floors, and floor, and even as its

Sweeten the air-
A pleasant atmosphere freshens the mind and soothes the day. Spray Zoflora in bed.

but GERMS never sleep!
Fragrant mist-sprayed Zoflora destroys air-borne germs in the nursery. Induces untroubled sleep.

Fragrance & Safety in the Sick-room
Zoflora cleans and sweetens the air and induces peaceful sleep. A boon to patients and nurses alike.

Zoflora Perfumed DISINFECTANT
is a powerful antiseptic which dispels unpleasant odours and imparts its own delicate perfume.

2/- per Bottle:
or complete spraying outfit 10/-
from your chemist
or direct from the makers:
THORNTON & ROSS, LTD.
HUDDERSFIELD

Zoflora Perfumed DISINFECTANT
its powerful antiseptic properties dispel unpleasant odours and leave a safer, cleaner atmosphere.

2/- per Bottle:
or complete spraying outfit 10/-
from your chemist
or direct from the makers:
THORNTON & ROSS, LTD.
HUDDERSFIELD

about

Zoflora

Perfumed **DISINFECTANT**

Zoflora, the spray-disinfectant, is now advertised in popular "home" magazines with an estimated readership of 16,300,000. This is making custom for you, because each advertisement directs housewives to their chemist.

May we send you a trial order and show material?

RETAIL: 2/- per bottle. Complete Spraying Outfits, 10/- and 21/-

TZ 22 Usual Trade Discounts

THORNTON & ROSS LIMITED
LINTHWAITE LABORATORIES HUDDERSFIELD

When it's Sundries Think of "Ritchies"!

A few samples from our range:

Arch Supports	Gillettes
Hypodermic Needles (Stainless)	Personna
Dressings of all types	Dunlopillo
Weighting Machines	Cushions
Ramer Sponges	Electric Blankets
Spontex Sponges	Heat-Pads
Pill Boxes	"Agrippa" Teats
	Feedrites
	Dropper Bottles

Scissors of all Types

We stock Addis, Halex and

Hygex Brushes

Scottish distributors of Plim Hypodermic Syringes

George B. Ritchie & Co

249 Buchanan St. Glasgow C.1

Tel: DOUGlas 0532/3

Diuramil

BRAND

A medically-prescribed product for the treatment of

**RHEUMATISM — GOUT — ARTHRITIS
FIBROSITIS — CYSTITIS — PYELITIS**

Diuramil is an ethical product regularly prescribed by doctors all over the country. It is an effervescent granular preparation of palatable taste, the formula including Piperazine and Lithium, which, acting together, are twice as effective as solvents of Uric Acid as Piperazine alone. Diuramil mobilises, eliminates and prevents precipitation of Uric Acid. Regularly advertised in the medical and nursing press, but may be recommended and sold without medical prescription.

Write for sales terms, samples and literature.

PHARMAX LIMITED

The Organ Works,
Old Hill,
Chislehurst, Kens.



Bottle-fed babies -

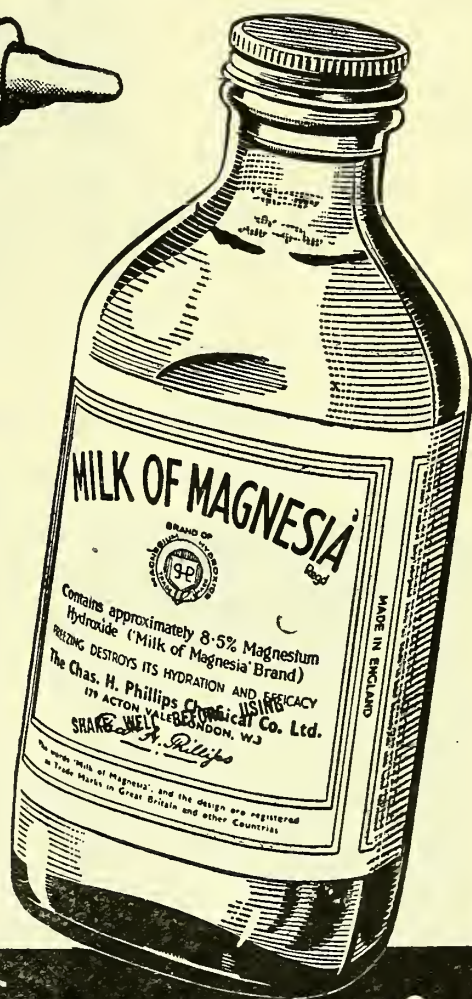


THE Pharmacist's *advice*

Confronted, as he often is with a request for advice upon digestive disturbance when baby is bottle-fed, the Pharmacist may confidently recommend the use of * 'Milk of Magnesia'.

This antacid laxative checks the formation of indigestible protein curds and enables digestion to proceed with comfort.

Thus the baby is contented, receives full nutritional value from each feed and thrives.



'MILK OF MAGNESIA'

REGD. TRADE MARK *

THE CHAS. H. PHILLIPS CHEMICAL CO. LTD.,

179, Acton Vale, London, W.3.

This Festival year more than ever
... millions will be saying

*I'd rather have a
Jaffajuce*

JAFFAJUCE ORANGE contains more than three times as much orange juice and pure sugar as the standard laid down by the Ministry of Food.
Awarded the Certificate of the Royal Institute of Public Health and Hygiene in 1950, Jaffajuce has now received the Good Housekeeping Institute Gold Seal for quality.

Order through your usual wholesaler. In case of difficulty write to :—

JAFFAJUCE LIMITED, 87 REGENT STREET, W.1.

MOSELEY MOULDED HOT WATER BOTTLES

*A warm line
for cold nights*

MOSELEY moulded hot water bottles are supplied in red, green or blue, whilst the moulded cot hot water bottles can be had in a variety of attractive pastel shades. Handmade, fabric reinforced hot water bottles are supplied in red or white.

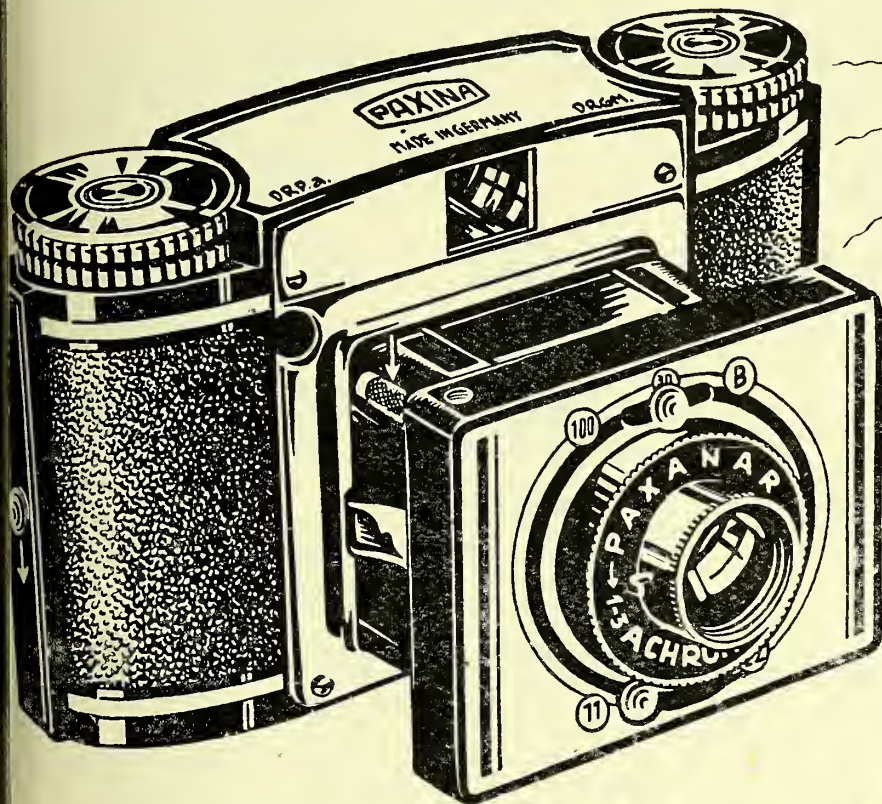
MOSELEY

Further details and terms from:—

DAVID MOSELEY & SONS LTD. ARDWICK, MANCHESTER 12
53/55 NEW BOND ST., LONDON W.1
54 GEORGE ROAD (ISLINGTON ROW) EDGBASTON, BIRMINGHAM 1



Make Summertime



your

PROFIT TIME

with the



LENS f/7.7 achromat, focusing from 3ft. to infinity. Three apertures f/7.7, f/11, f/22.

VIEW FINDER Built-in eye level optical view-finder.

SHUTTER. B, 1/30 and 1/100. Release so designed that accidental exposure cannot take place.

FILM Takes 12 exposures on No. 120.

RETAILS AT ONLY

£7-15-0

Canvas Ever-ready case (Topper No. 44) 18/8d

Imitation leather Ever-ready case 36/-

The Paxina is a smart Continental camera, taking 12 pictures $2\frac{1}{4}'' \times 2\frac{1}{4}''$ on standard 120 roll-film. The robust die-cast body is leather cloth covered and bright parts are finished in chrome and dural. It has the compact dimensions of a folding camera, but bellows are avoided and great rigidity of lens panel secured by reason of the all-metal extending box front. Loading the film is quite simple, and may be carried out in daylight. The camera is fitted with a standard English tripod bush.

Wholesale Distributors:

NEVILLE BROWN & CO. LTD

12 NEWMAN STREET, LONDON, W.1

Telephone: LAngham 7161 (6 lines)

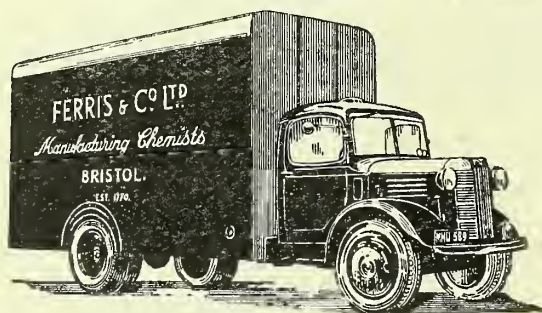
Also available through these Provincial Wholesalers:—SOUTHALL BROS. & BARCLAY (1935) LTD., BIRMINGHAM; WOODS, PARKER & CO. LTD., BRADFORD; JAMES WOOLLEY SONS & CO. LTD., MANCHESTER

FOR DIABETIC CASES...

Rose's lime juice

SPECIALLY PREPARED
WITHOUT ADDED SUGAR
PER 3/3 BOTTLE

ROSE'S DIABETIC LIME JUICE
ALSO LEMON AND ORANGE SQUASHES, 3/- PER BOTTLE



REGULAR ROAD DELIVERIES

*In the West of England and
South Wales Areas*

*The House in the West for all
Chemists' Supplies*

Send us your orders for prompt and
careful attention.

**FERRIS & COMPANY LTD.
BRISTOL**

Manufacturing and Wholesale
Chemists

Telephone:
BRISTOL 21381

Telegrams:
FERRIS, BRISTOL

M&W
*for
Better Value*

**PILLS
TABLETS
CAPSULES
LOZENGES
SUPPOSITORIES**

Quotations on request

MATTHEWS & WILSON LTD.
ESTD. 1899
6-8 COLE ST., LONDON, S.E.1.
TELEGRAMS: PILLROLUM, SEDIST, LONDON • PHONE: HOP. 2147

PROFITABLE EVERYDAY LINES—

Carnation "Corn Caps" are outstanding amongst the "G.G." range of best sellers. Rapidly increasing sales arise from recommendations of satisfied users backed by constant national advertising.

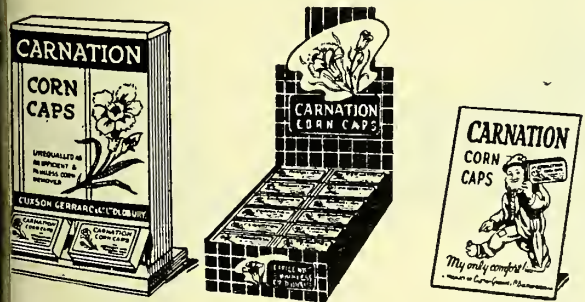
CARNATION'

CORN CAPS
NATIONAL ADVERTISING

BOOKED IN

DAILY MAIL	DAILY GRAPHIC
DAILY HERALD	GLASGOW RECORD
DAILY NEWS CHRONICLE	BELFAST TELEGRAPH
DAILY MIRROR	ILLUSTRATED
PICTURE POST	

EFFECTIVE SALES AIDS
AVAILABLE WITH ORDERS



GOOD PROFIT

RETAIL PRICE — 1/1½ BOX (INC. TAX)
TRADE PRICE — 7/6 DOZ. (PLUS TAX)

EXTRA DISCOUNTS

£5 ORDER LESS 2½% £10 ORDER LESS 5%

These extra discounts apply to purchases of our Plasters, whether bulk or proprietary

AYRTON
SAUNDERS
& CO. LTD.

LIVERPOOL

~
The
Complete
Pharmacy
Service

~
DRUGS
GALENICALS
PENICILLIN
ETHICALS
PROPRIETARIES
PACKED GOODS
SUNDRIES
PATENTS
FANCIES
TOILETS
CORKS BOTTLES

34 Hanover Street
LIVERPOOL

A PRODUCT OF
Cuxson Gerrard
E Co Ltd.
OLDBURY · BIRMINGHAM.

PROFITABLE COUNTER LINES

HEWLETT'S ANTISEPTIC CREAM	-	-	Retails at 2s. 9d. per tu
HEWLETT'S TEETHING JELLY	-	-	„ „ 1s. 10d. per tu
MENTHOL and WINTERGREEN CREAM			„ „ 2s. 1d. per tu
		Approx. 1½ oz.	
FORMALGAR GARGLE and MOUTHWASH			„ „ 1s. 10d. per bo
		2 oz.	
VITONAGEN TONIC	-	-	„ „ 4s. 11d. per bo
		8 oz.	

These prices apply in the United Kingdom only

ALL ARE FREELY AVAILABLE THROUGH YOUR USUAL WHOLESALER

OR DIRECT FROM

C. J. HEWLETT & SON LTD., 35/43 Charlotte Road, London, E.C.
and at 216 ORR STREET, GLASGOW, S.E.

ENTROSALYL

"Vitaminised"

Capsules

A vitaminised form of Entrosalyl (Standard) capsules incorporating the addition of vitamins B₁, C, K, and PP to the normal 0.50 G. sodium salicylate. For use in all cases in which very high doses of sodium salicylate are necessary.

Each capsule contains:—

Sodium Salicylate B.P.	...	0.50 G.
Vitamin C, B.P.	...	0.01 G.
Vitamin B ₁ , B.P.	...	0.00025 G.
Acetomenaphthone, B.P.	...	0.0005 G.
Nicotinic Acid, B.P.	...	0.005 G.

P.A.T.A. Trade Prices:—

50's	44/- per doz.	+ 14/2 P.T.
200's	dispensing pack	160/- per doz.
1000's	dispensing pack	720/- per doz.
(Dispensing Packs tax free)		

CONTINENTAL LABORATORIES LTD.
101, Great Russell Street, London, W.C.1.

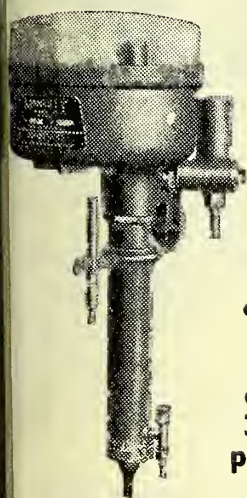
Telephone: MUSeum 2042-3

Telegrams: Taxolabs, Phone, London.

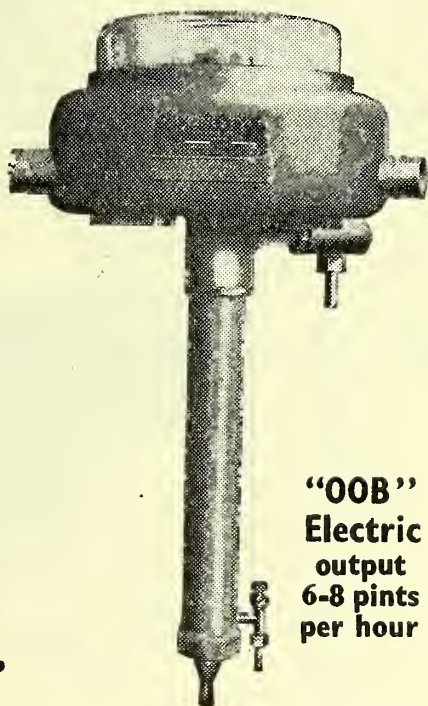
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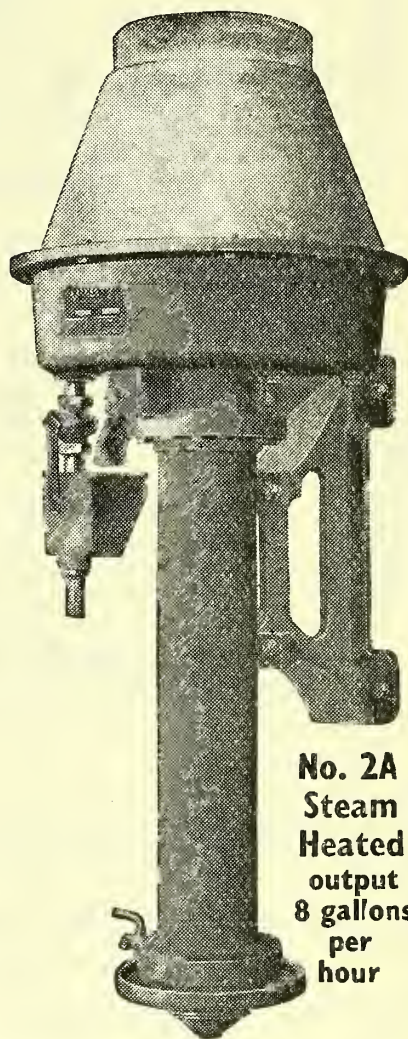
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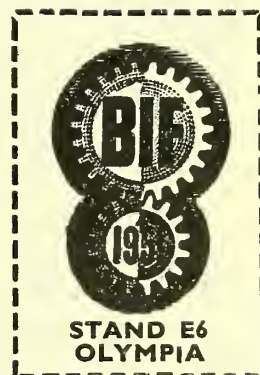
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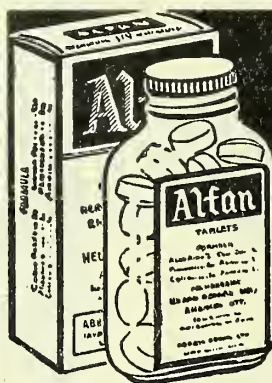
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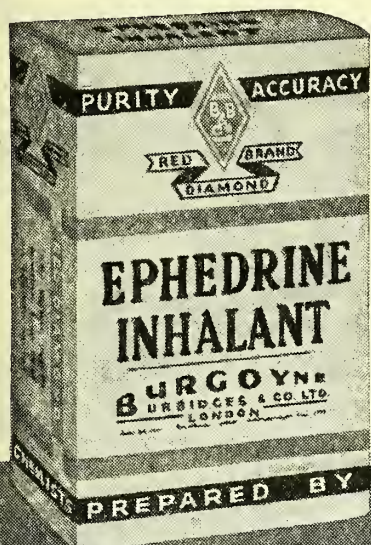
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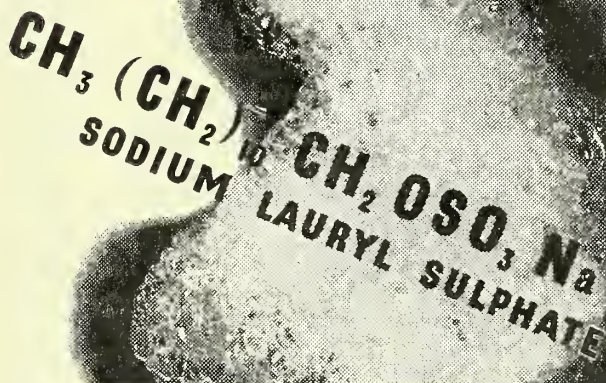
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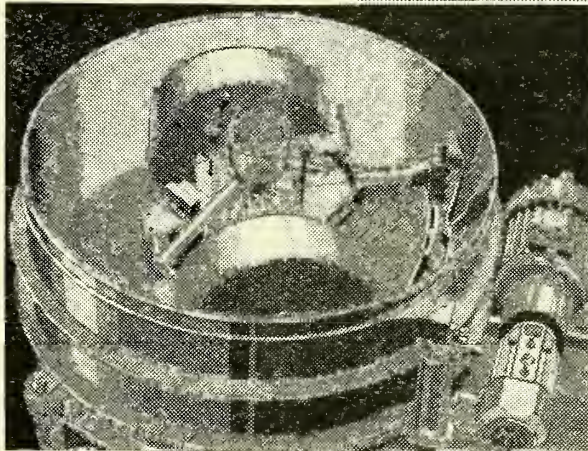
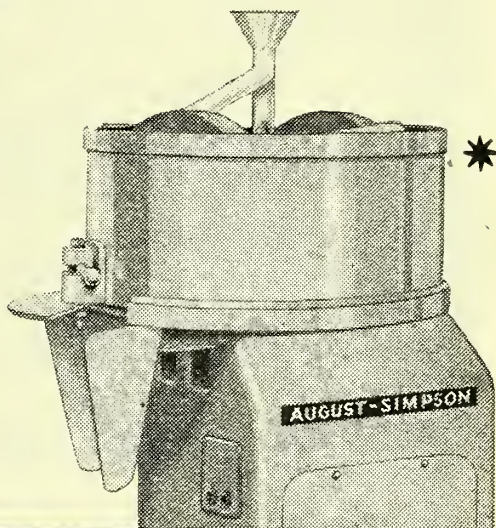
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Inset picture shows the No. 2 size, with mullers (adjustable for height from bottom of pan) and the plows which turn over the material and direct it in front of the mullers.

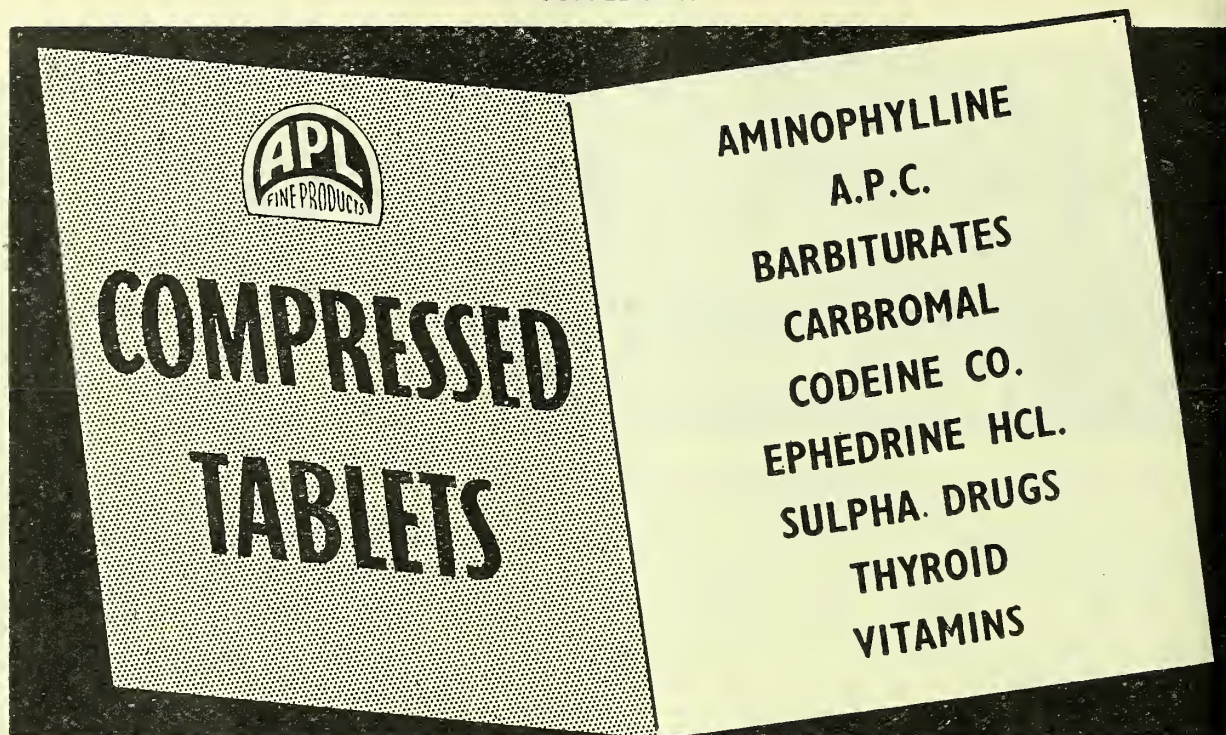
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Your
Disinfectant
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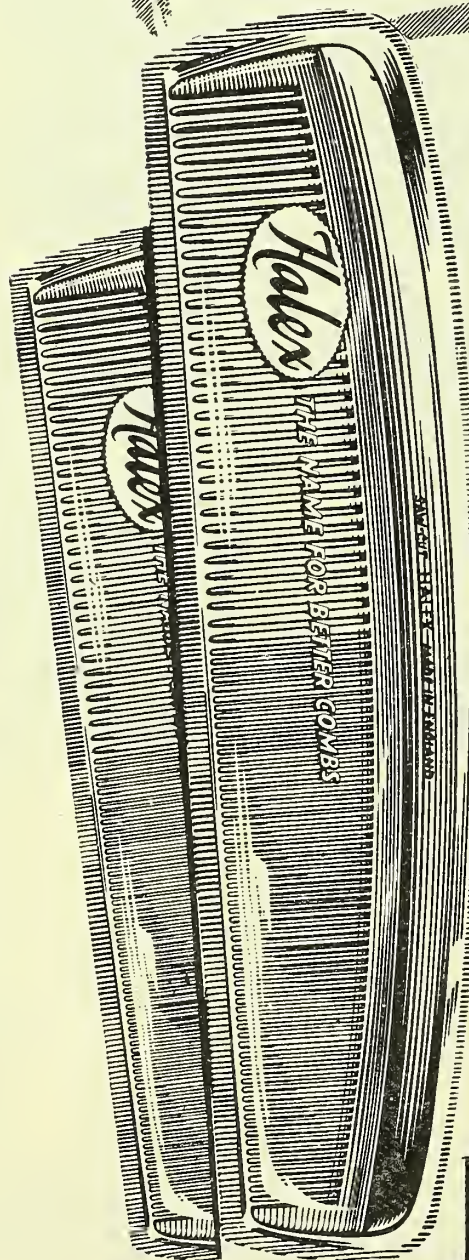
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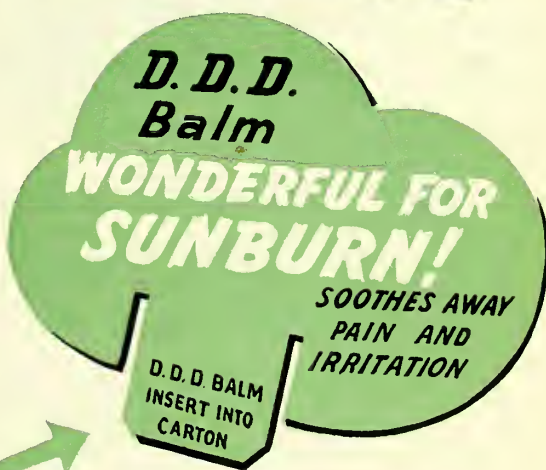
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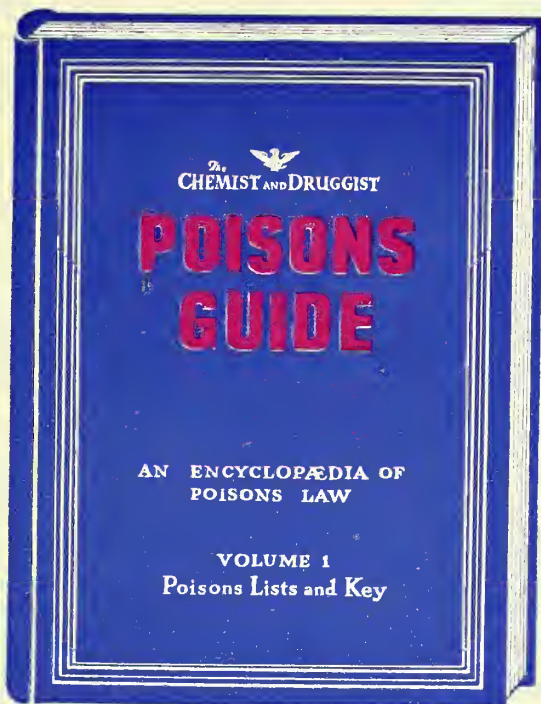
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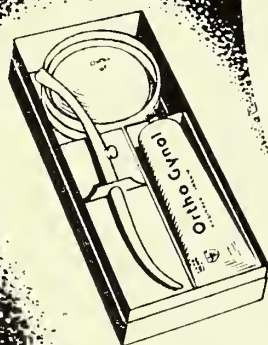
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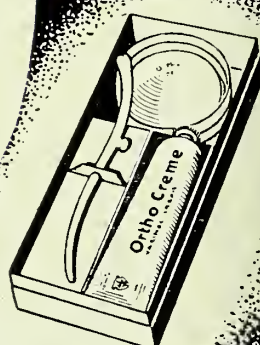
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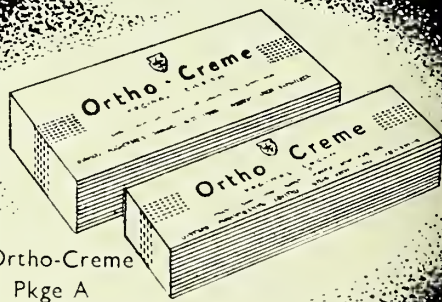
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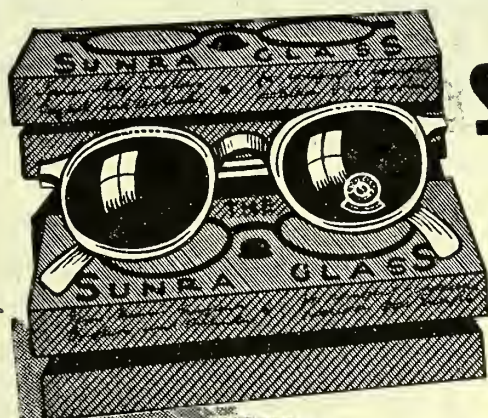
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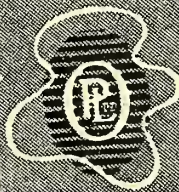
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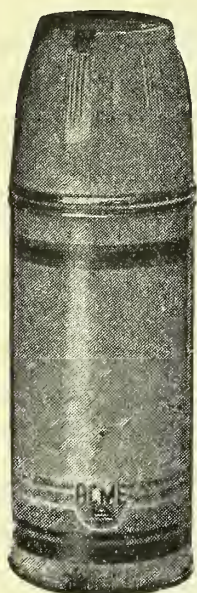
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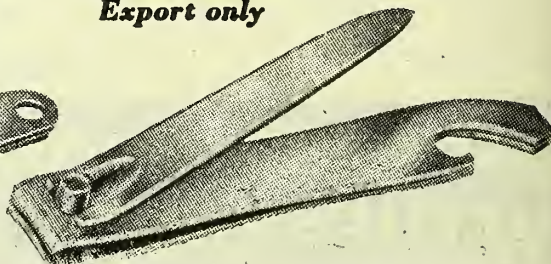
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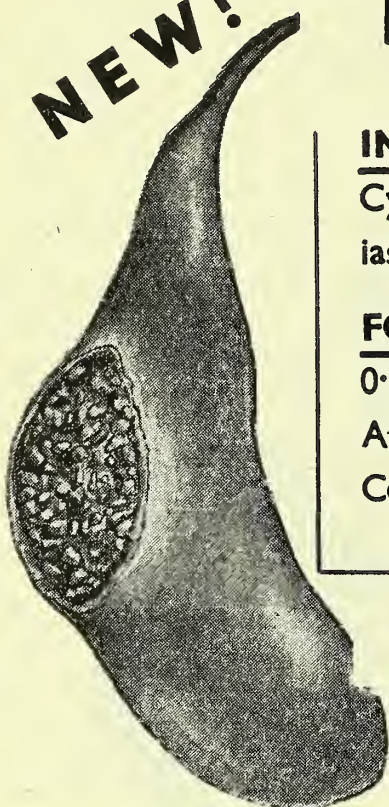
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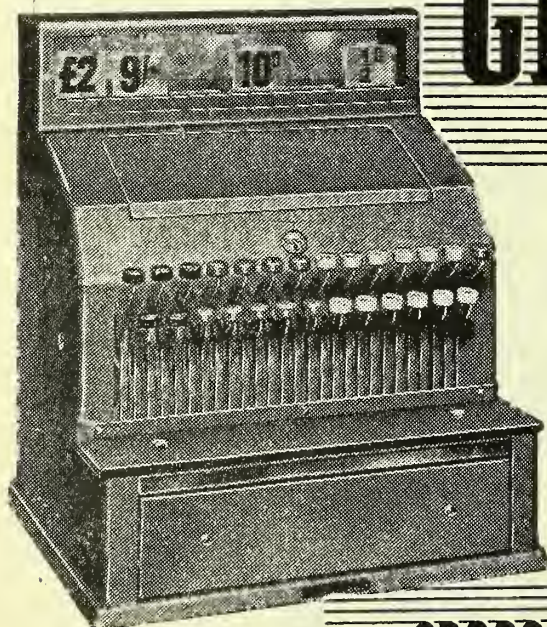
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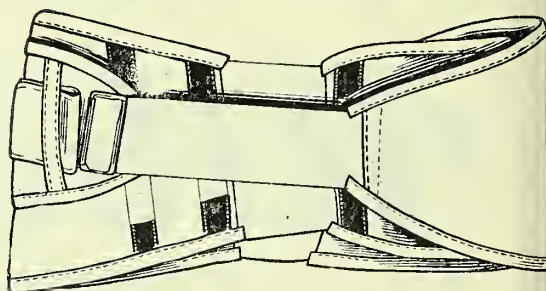
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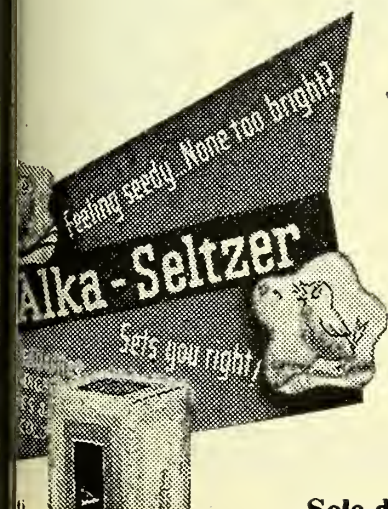
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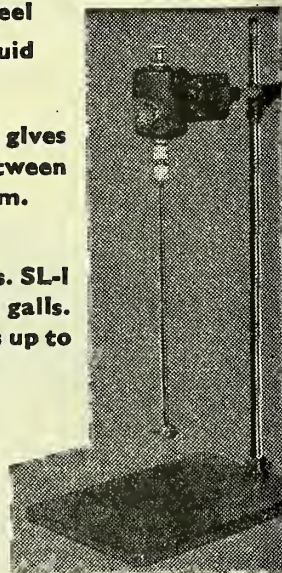
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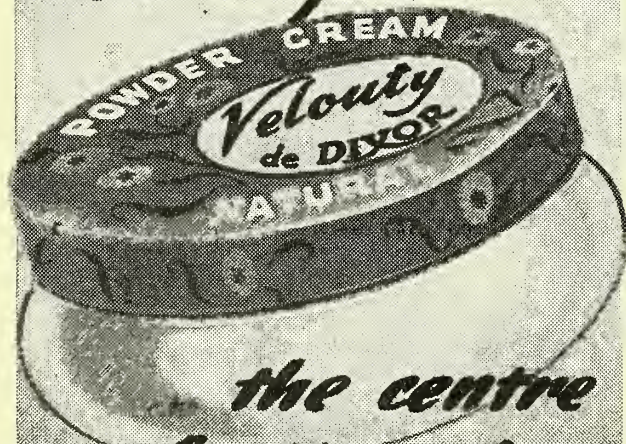
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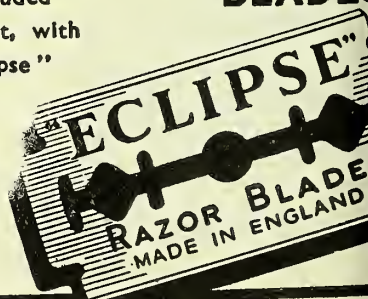
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OINTMENT, <i>large</i>	23/-d.	33⅓%	3/2d.
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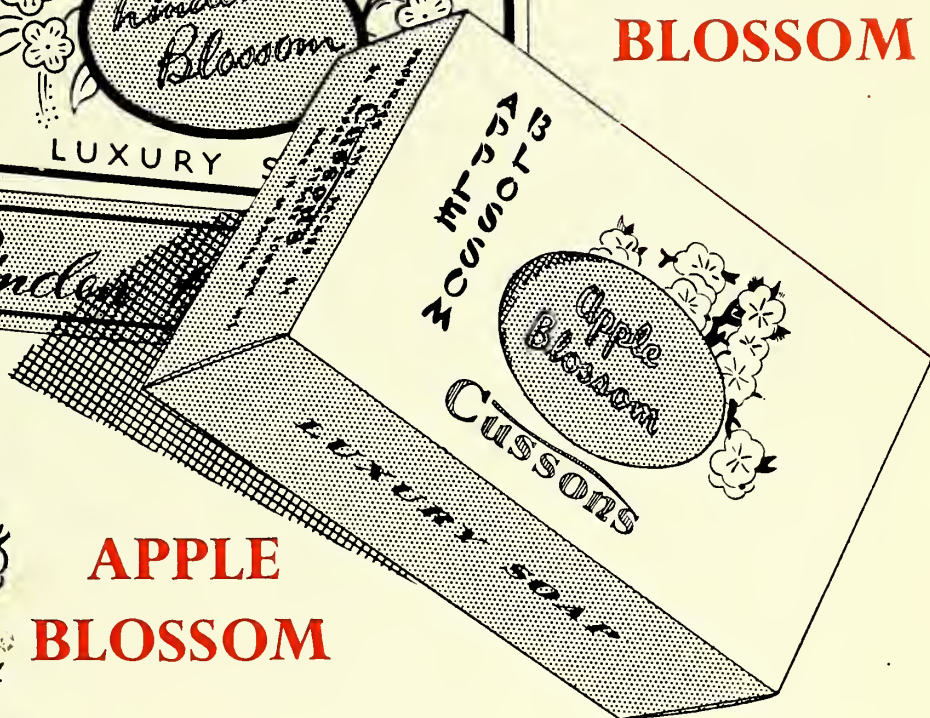
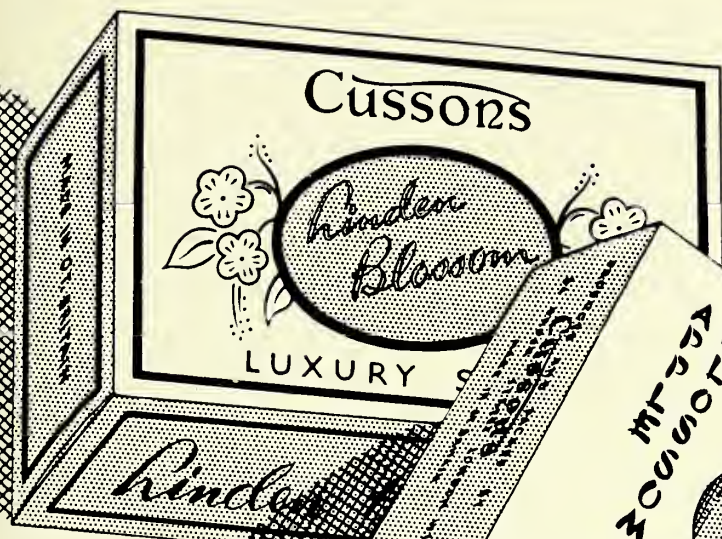


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